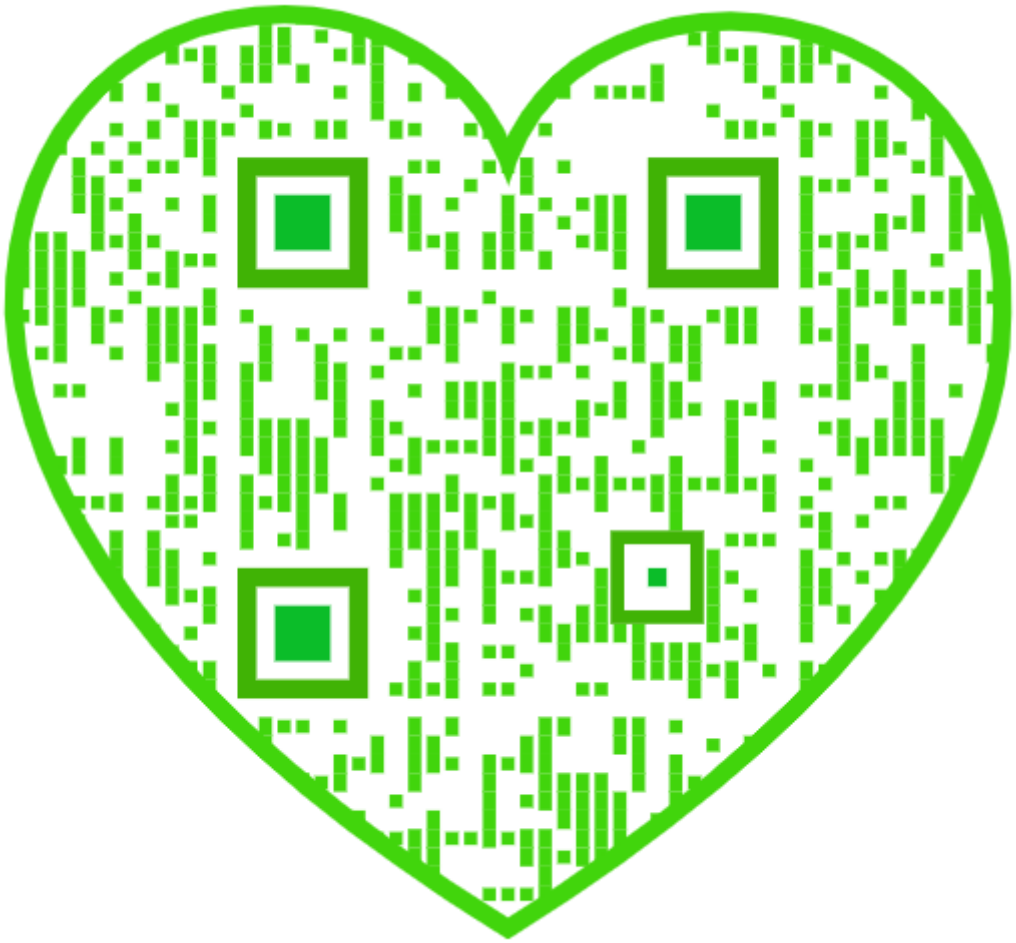
CATALOGUE

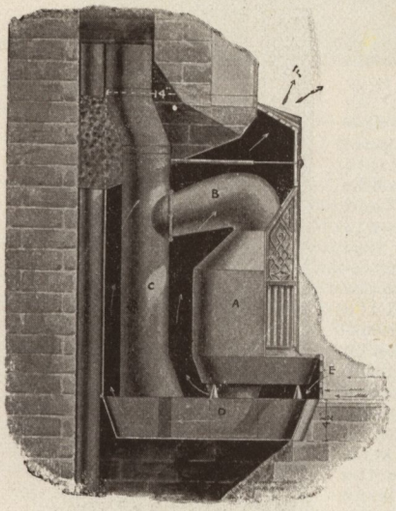
# ALDINE

## Grate & Mantel Company

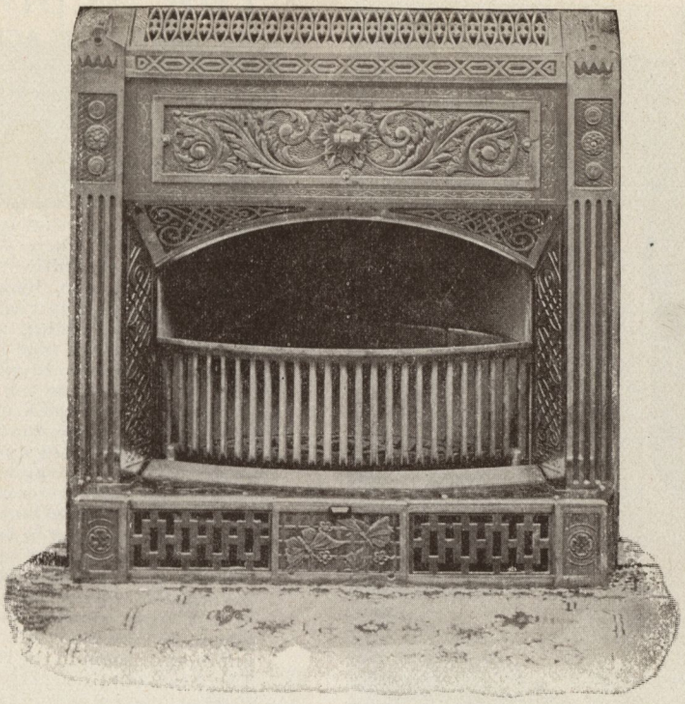
GRAND RAPIDS, MICHIGAN, U. S. A.



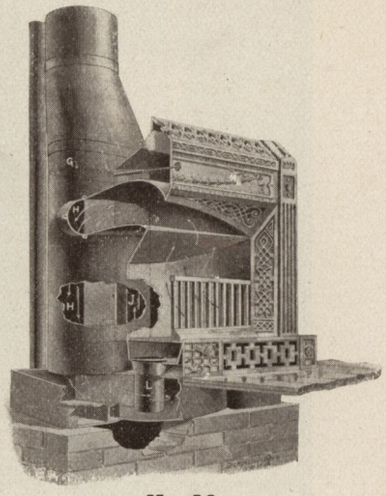
**Fuel Saved.**
**Health Gained.**



No. 25.



**The Home Beautified.**



No. 26.

Plate No. 22.

# THE No. 1 ALDINE OPEN FIRE-PLACE

THE No. 1 Aldine Open Fire-place is in a class by itself, and cannot be compared with the common direct-draught grates offered by other manufacturers. It is handsome, a perfect heater, and has, in a very large number of cases, taken the place of stove and furnace. It is constructed on the **return-draught** principle, and will save more than 60% of the fuel and more than 85% of the heat, which common direct-draught grates waste. Electroplated in Old Silver, Old Copper Bronze, Bright Copper, Antique Brass, Yellow Brass and Nickel, the "Aldine" beautifies the home. On the market many years, it is now in thousands of residences throughout the United States. By means of a special Top Damper Attachment, (see plates 28, 30, 32 and 34), the "Aldine" will heat two upper adjoining rooms, and **one** "Aldine" will do the work of four common direct-draught grates. The "Aldine" is the only Open Fire-place that will do this.

By referring to the accompanying cuts, it will be observed that the principle and the construction of the "Aldine" are different from all other Grates or Open Fire-places on the market. The "Aldine" not only furnishes a greater amount of heat from considerably less fuel, by direct radiation, but in addition, fully as much more heat by **indirect radiation**, and the heat produced by **both direct and indirect radiation** is kept in constant circulation, producing the most healthful and cheerful results, and a condition of ventilation not obtained by any other method.

Plate No. 26 indicates the course of the products of combustion when damper G is turned to the left, passing from fire-pot into flue H, down flue I, around ash dump L, and up flue J into chimney K. By passing, as it does, through a radiating surface of 30 square feet before entering the chimney, a large percentage of the heat-bearing gases is consumed in the flues and utilized. When damper G is turned to the right, it produces simply a direct-draught principle, same as in ordinary grates, in which about nine-tenths of the heat produced, passes directly up the chimney. (The "Aldine" is used in this manner only when starting a fire.)

Referring to plate No. 25, it will be observed that the fire-pot, flues and ash pan are incased in an iron jacket, forming an air chamber. When the fire-pot A, the flues B, C and D become heated, they form a radiating surface of thirty square feet over which the cold air, entering openings at either side of base at E, is passed, heated, purified, and thrown out into the room through register F, keeping up a constant circulation, taking the cold air off the floor and distributing heated air equally throughout the room, keeping the temperature the same in all parts of the room from floor to ceiling, the atmosphere pure and wholesome at all times, and ventilating perfectly without draughts.

The "Aldine" can be piped to any chimney like a common stove, if desired, burns hard or soft coal, wood, coke, or gas, with perfect combustion—absolutely no waste of fuel—and keeps fire continuously night and day.

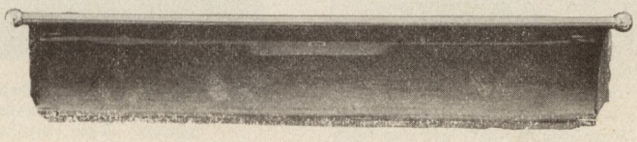
Scientists have demonstrated that a given quantity of coal will produce more units of heat when burned at a cherry-red heat than at any other temperature. The "Aldine" consumes the coal at this most economical degree and furnishes a cheerful fire, which will keep over night as well as with the most modern coal stove, and there is no dust, gas or smoke in the room from an "Aldine" Open Fire-place.

The "Aldine" Open Fire-place is built of the finest Stove Plate Iron, is mounted in one piece, and weighs 500 pounds, crated and boxed ready for shipment. It can be set by any intelligent mason by following our simple instructions. The outside dimensions of the Aldine Open Fire-place are 32½ inches high, 32½ inches wide. The opening in the chimney breast to admit the "Aldine" should be 32 inches high, (but 30 inches will do) 26 inches wide, (but 24 inches will do) and 12 inches deep.

The "Aldine" can be used to the exclusion of those more extravagant fuel consumers, the furnace, steam or hot water plant, at least six weeks each, later in the fall and earlier in the spring, than with any other Grate, the saving in fuel being equal within a very short time to the first cost of the "Aldine;" while, during the most severe weather, the "Aldine" can be used in connection with the other heating apparatus without any additional expense for fuel, as the heat produced by both will be circulated by the "Aldine" thoroughly throughout the room and the temperature kept equal from floor to ceiling, while, at the same time, the ventilation will be perfect and the cheerful effect of the open fire will be appreciated by the entire household.

For use in cottages or summer homes, the "Aldine" is the acme of perfection.

The Aldine Open Fire-place and the "Aldine" High Grade Wood Mantels are for those who have an eye for the beautiful, artistic, and useful, who want all things in their homes to harmonize and who can afford, and are willing to pay a fair price for the best that is made.



**No. 9.** Aldine Hood equipped with Chain.

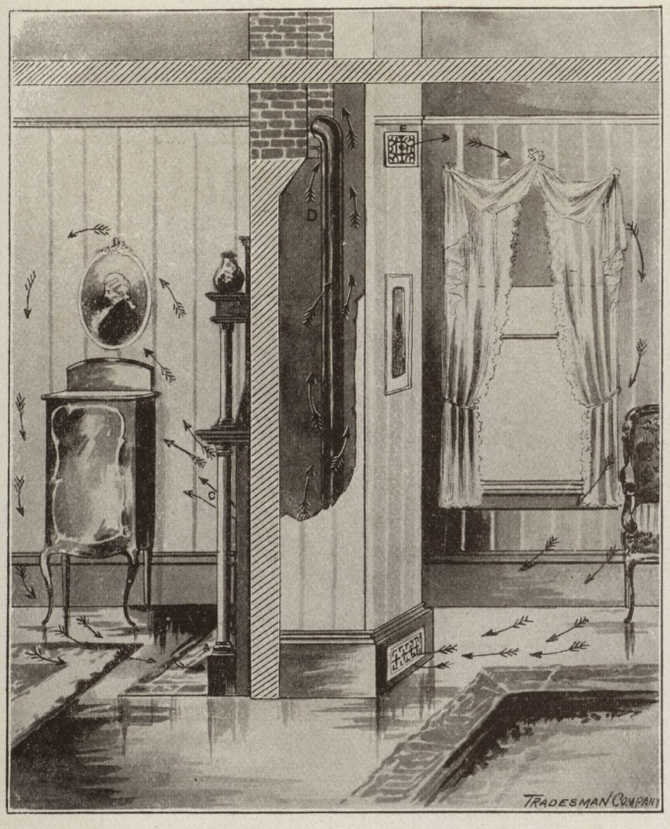



**Plate No. 32**—Represents the "Aldine" set in a partition wall, and giving its heat into both rooms. The back of the Fire-place and the smoke pipe are enclosed in a false chimney of lath and plastering on studding. The cold air passes into the register at the base of this (as shown by the arrows) following along up the pipe thoroughly heated and discharged into the room again, through the register at E. The back of grate is thoroughly encased in brick work, so that no possible danger of fire exists.

# THE ALDINE

## OPEN FIRE PLACE

### With Special Top Damper Attachment

For heating upper or adjoining rooms is shown in plates Nos 28, 30, 32 and 34.

It is in every respect the same as described on preceding page, except that it is so arranged that when set as shown in cut the entire warm air circulation can, by opening damper O, be carried into an upper or adjoining room, by running smoke pipe P and dust pipe Q up the chimney to a point above where the heat is required and bricking securely around them, the space R, between the pipes and the chimney walls forming a heating chamber, a register can be placed as shown and when the heat is not required in second room, register can be closed, making grate work same as the regular Aldine. This style is especially adapted for the South, but we also sell large numbers of them in the North. The heat obtained from top damper being sufficient to comfortably heat one or two chambers in severe weather. In many cases entire houses are heated in a most satisfactory manner by its use.

**WE SUPPLY REGISTERS AT WHOLESALE PRICES.**

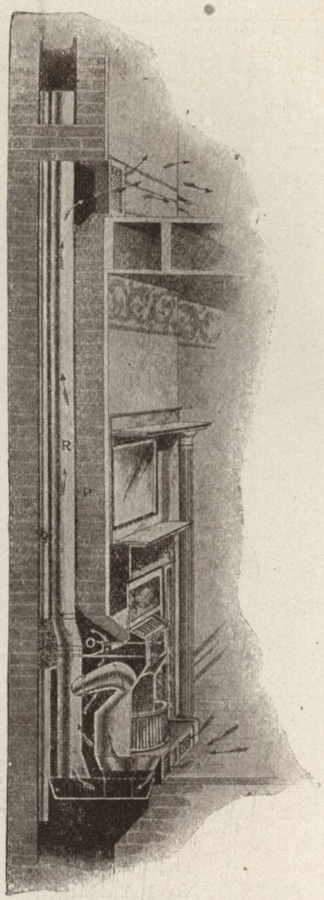



**Plate No. 28.**

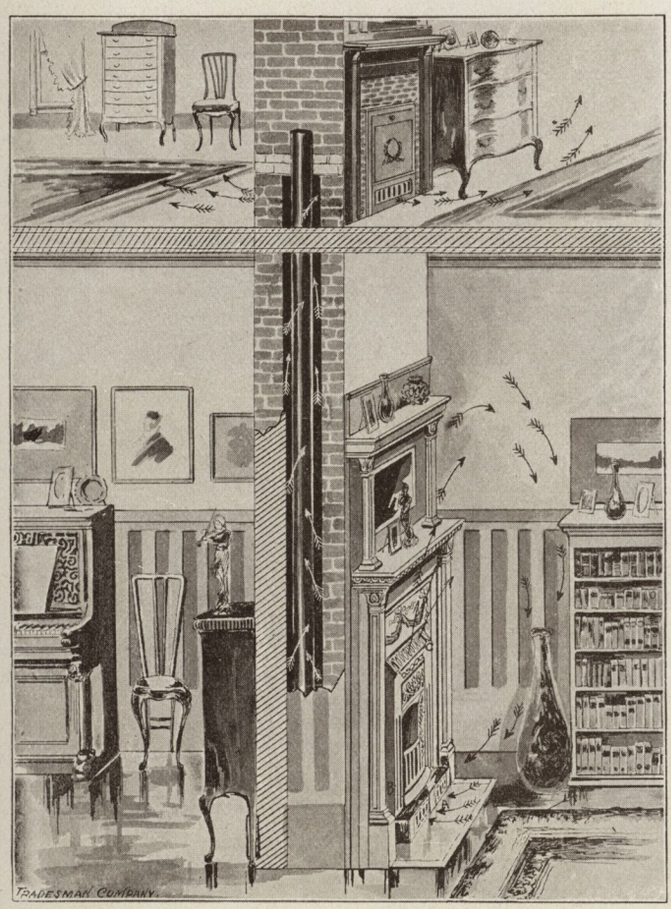



**Plate No. 34**—Representing the "Aldine" set for heating one room below and two above; one with register in base-board, the other with False Outfit and Summer Front, giving very artistic and cheerful effect.

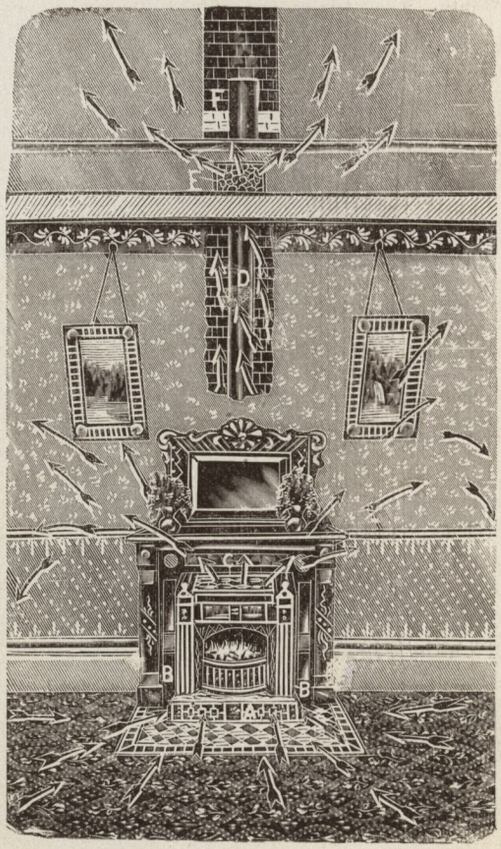



**Plate No. 30**—Represents the "Aldine" set with hot air register in the base-board of the room above. The method is a very economical and effective way of warming a sleeping room.

**No. 2**
**Metal Mantel Plate**
**Facings**

Used with Aldine Open Fire Place instead of Tile. Measure 4½ feet wide by 4 feet high, designed to be used without mantel. The outer edge of plates should be surrounded by heavy wood moulding, finished like woodwork in the room. A very handsome and substantial outfit. Finished in any electroplating.

**No. 1**
**Metal Mantel Plate**
**Facings**

Used with Aldine Open Fire Place instead of tile and without a mantel. Trim outer edge of plates with a heavy moulding finished like the woodwork, giving a solid, substantial, handsome appearance Size, outside 4½ feet wide by 4 feet high. Finished in any electroplating.

**No. 20**
**Metal Mantel Plate**
**Facings**

Used with Aldine Open Fire Place, and X-Ray Grates, in place of Tile. More handsome, more durable and more easily placed in position. For mantel opening 36 x 42 inches. Tile Facings mounted in 3 pieces for same size opening.

N. B.—We are the only manufacturers of Metal Mantel Plate Facings.

**No. 18**
**Metal Mantel Plate**
**Facings**

Used with Aldine Open Fire Place, and X-Ray Grates, in place of Tile. More handsome, more durable and more easily placed in position. For mantel opening 36 x 42 inches. Tile Facings mounted in 3 pieces for same size opening.

N. B.—We are the only manufacturers of Metal Mantel Plate Facings.

**No. 48**
**Metal Mantel Plate**
**Facings**

Used with Aldine Open Fire Place, and X-Ray Grates, in place of Tile More handsome, more durable and more easily placed in position. For mantel opening 48 x 48 inches. Tile Facings mounted in 3 pieces for same size opening.

N. B.—We are the only manufacturers of Metal Mantel Plate Facings.

**No. 42**
**Metal Mantel Plate**
**Facings**

Used with Aldine Open Fire Place, and X-Ray Grates, in place of Tile. More handsome, more durable and more easily placed in position. For mantel opening 42 x 42 inches. Tile Facings mounted in 3 pieces for same size opening.

N. B.—We are the only manufacturers of Metal Mantel Plate Facings.

# THE
# No. 2 Aldine Open Fire-Place

*Patented March, 1902.*

THE No. 2 Aldine Open Fire-place is built on the return draught principle, carrying the heated smoke and gases through a radiating surface of twenty-two square feet before it enters the chimney flue. The cold air is taken off the floor at Register F each side of grate, passed over this radiating surface and into the room at G, heated and purified.

Plate No. 40 shows a section of the No. 2 Aldine cut through the center, illustrating the course of the smoke and heated gases. Plate No. 41 shows a section with portions of the outer and inner jackets broken away, illustrating the hot air chambers.

When Damper B is closed, as shown in Plate No. 40, the smoke and heated gases are passed from fire pot A into and down Flue C, around and up Flue D, into chimney flue. When opened it becomes direct draught, the smoke and heated gases passing directly into the chimney flue; this damper is opened only when starting a fire to increase the draught.

Figure J (Plate No. 41) is a Damper Handle operating Damper K; this may be opened to check the fire and will, at the same time, take the cold air off the floor, pass it under the fire pot and directly up the chimney flue, leaving only the heated air in the room; is also opened when shaking the grate and all dust and ashes arising are carried up the chimney flue, making it impossible for dust to enter the room. Ashes are dumped through an opening from stationary ash pan to ash pit. There is an opening from ash pit to grate Flue D. By drawing out the sliding ash pit cover the ashes are dumped into the pit and at the same time the ash pit automatically ventilated and the dust and ashes arising carried into chimney flue. A loose plate can be removed from near bottom of Flue C, and all dust, soot and ashes which may lodge in base of Flues C and D, from long service, may, with an ordinary stove cleaner, be drawn into ash pit. Figure H indicates hot air chamber running through the crown of fire pot. I, I, I, indicate heating chambers or space between the sides and back of fire pot and Flues C and D and the outer jacket, through which the cold air from the floor, entering at Registers F each side of grate, is carried, heated and purified and passed into the room at Register G.

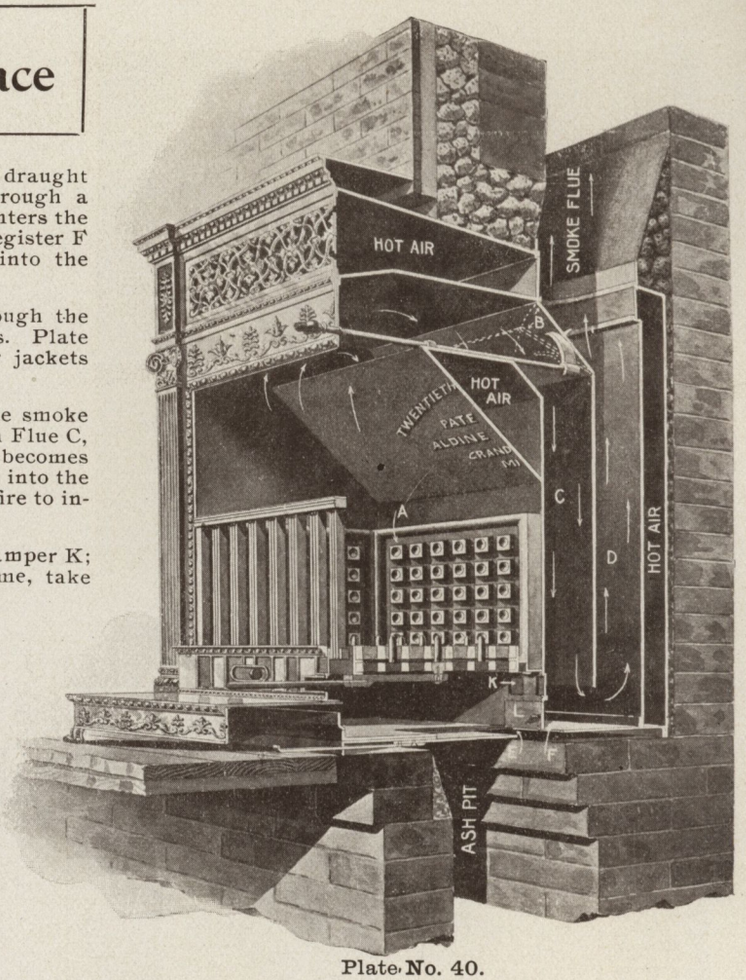



**Plate No. 40.**

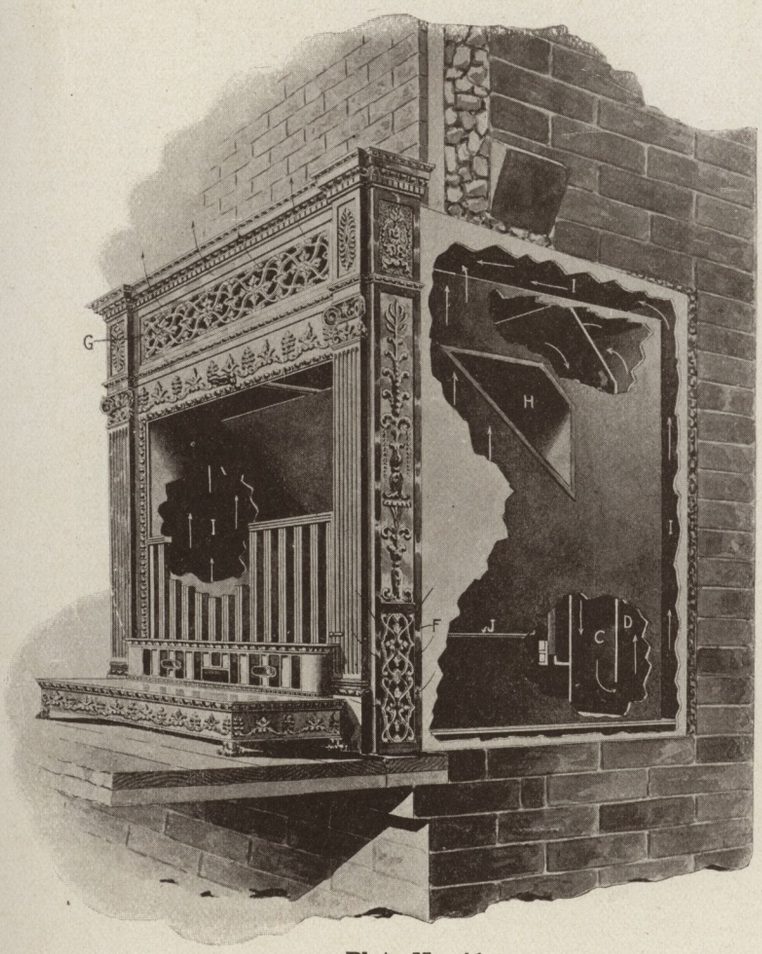



**Plate No. 41.**

Our new Shaking and Dumping Bottom Grate shakes without disturbing the fire, sifting the ashes through into the stationary ash pan below; will not waste unburned fuel, and cannot become clogged by slate or clinkers. When desired the entire contents of fire pot may be dumped into ash pan same as the ordinary dumping bottom grate.

The Fire pot is 22 inches wide and 11 inches deep inside measurement, which is larger than any other mounted grate. It burns hard or soft coal, coke, wood or gas and will keep fire over night as well as any coal stove, and with half the fuel required by any other grate (the Aldine No. 1 alone excepted), will furnish more than double the heat, giving a greater amount by direct radiation on account of size of fire pot and an equal amount by indirect radiation from Register G, while the temperature will be kept equal from floor to ceiling and ventilation perfect. It will be observed that with the No. 2 Aldine either a slow continuous fire or a roaring wood or soft coal fire may be had and can be regulated to any degree desired by our system of dampers.

On account of its expensive construction the price of the No. 2 Aldine is higher than that of common direct draught grates.

The saving in fuel will, however, make it soon repay the difference in price, not to mention the more satisfactory conditions to be had from its use.

The No. 2 Aldine is Colonial in design, handsomely finished, and is furnished complete with Narrow Fender (as shown), Summer Front, Blower, Poker and Shaker, in choice of following finishes: Electro Bright Copper Bronze, Old Copper, Yellow Brass, Antique Brass, Nickel or Old Silver.

N. B.—The No. 2 Aldine Grate can be set in ordinary Fire Place or piped to common chimney same as No. 1 Aldine. In setting the No. 2 Aldine, do not sink it into the floor; simply place in on the bottom of the fire-place opening, **first making this bottom level with the floor** of the room.

**For price see net price list.**

# THE X=RAY GRATE

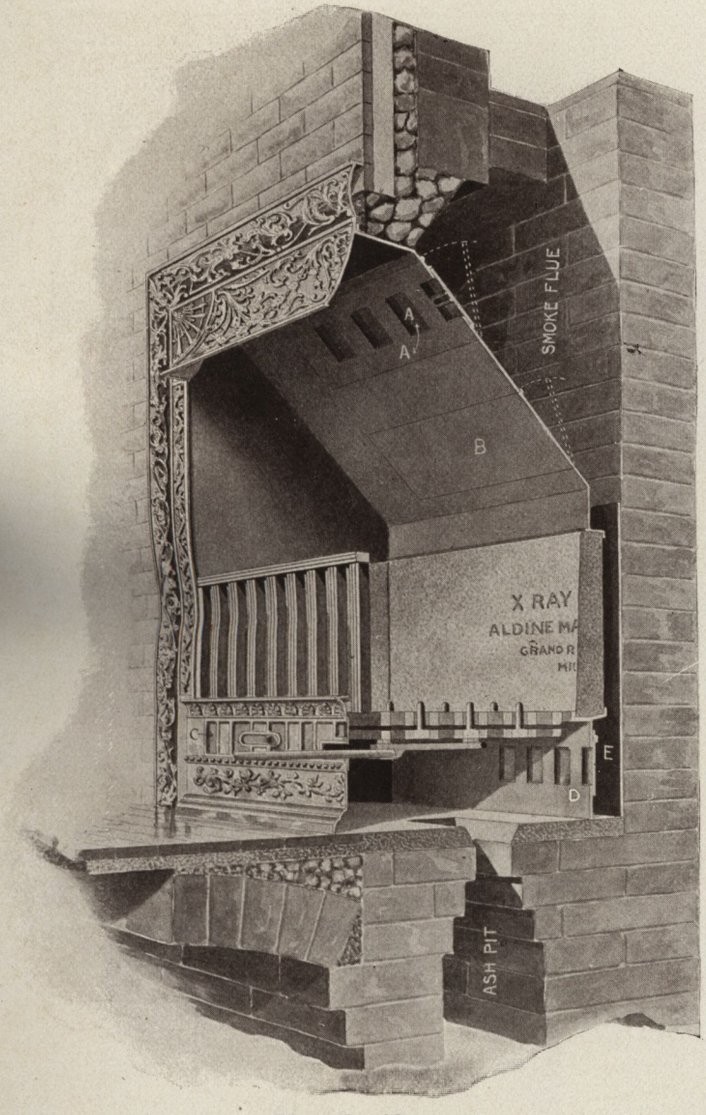



Plate No. 42.

The X-Ray Grate is direct draught in principle same as all other grates on the market, except the Aldine and the No. 2 Aldine. It, however, embodies in its construction a number of valuable improvements not found in any other grate of this type, which will commend it to the observing buyer, i. e. :

Beauty of design, the Shaking and Dumping Bottom Grate, Dampers, and full Summer front, which covers the entire front of grate, when not in use, thus concealing the grate bars, which the smoke and heat have made unsightly.

By opening Damper D, by operating Handle CC, the cold air is taken from the floor, passed under the fire-pot directly up the chimney flue, checking the fire without cutting off the ventilation and leaving only the heated air in the room and keeping the room perfectly ventilated.

When shaking or dumping, the dust and ashes arising are carried through Damper D and Flue E into chimney flue. Figure A and B represent dampers operated by handles AA and BB. Dampers A and B are opened when starting fire, after which Damper B is closed. If the fuel is hard coal or coke, Damper A may then be closed and the slide Damper shown on A only left open.

Figure C is a front slide check damper and is automatically closed by shaking grate, an extra precaution against dust puffing into the room.

Should it become necessary at any time to replace fire linings for any reason whatsoever, it can be done from the front without disturbing the setting of the grate, an improvement which should not be overlooked.

It will be seen that the X-Ray is provided with a splendid damper system, five in number, by which the fire can be controlled at any degree desired, while the feature of taking cold air off the floor and up the chimney Flue is a valuable improvement. The X-Ray will furnish more heat than any grate on the market (our Aldine and No. 2 Aldine alone excepted), will furnish more cheerful and healthful conditions and with a considerably less amount of fuel. It will burn hard or soft coal, wood or coke. We, however, recommend it particularly for use with wood, soft coal or coke, for while it will be readily seen that by our damper devices it will burn hard coal more satisfactorily than anything else on the market of the direct draught type, we recommend the purchase of an Aldine or No. 2 Aldine as being more especially adapted for and more economical and satisfactory when hard coal is to be the principal fuel and when a continuous fire is desired.

The X-Ray produces a bright, cheerful, open fire, perfect ventilation, and is the handsomest grate of its type on the market.

Furnished complete with handsome Summer Front, Blower and Shaker, choice of any of the following finishes: Electro Bright Copper Bronze, Old Copper, Yellow Brass, Antique Brass, Nickel and Old Silver.

N. B.—In setting the X-Ray Grate, do not sink it into the floor; simply place it on the bottom of the fire-place opening, **first making this bottom level with the floor** of the room.

**For price see net price list.**

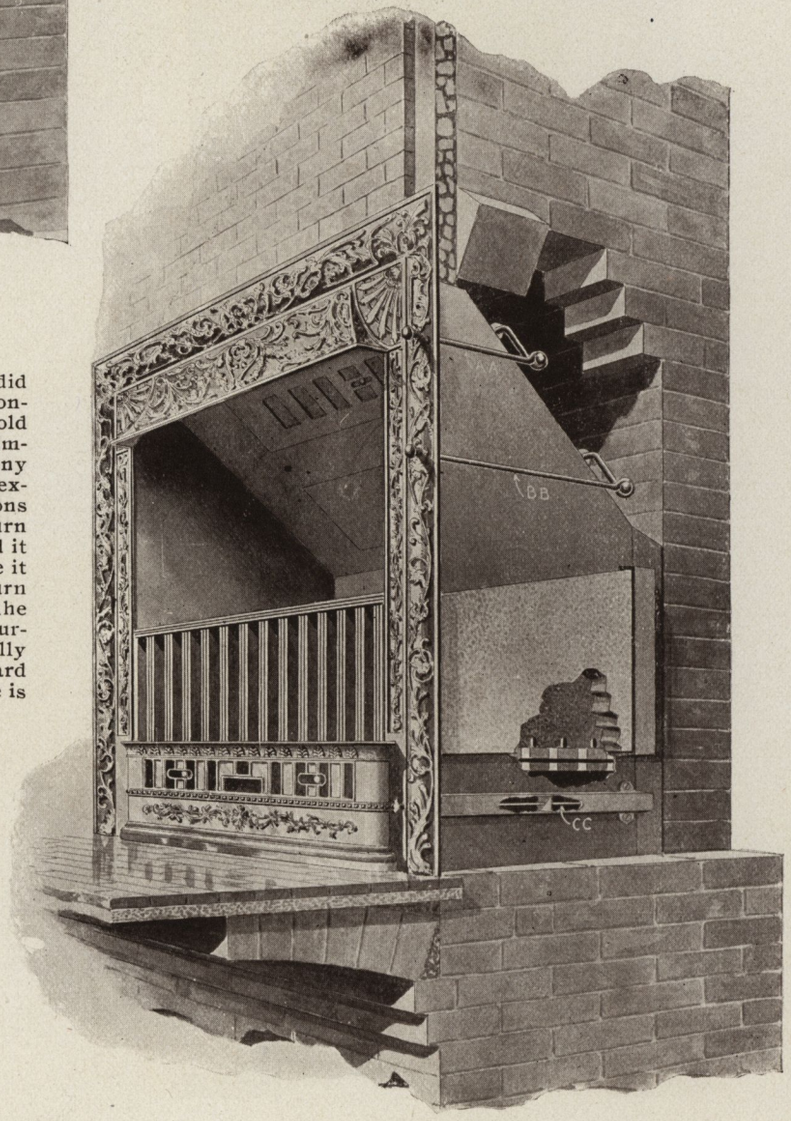
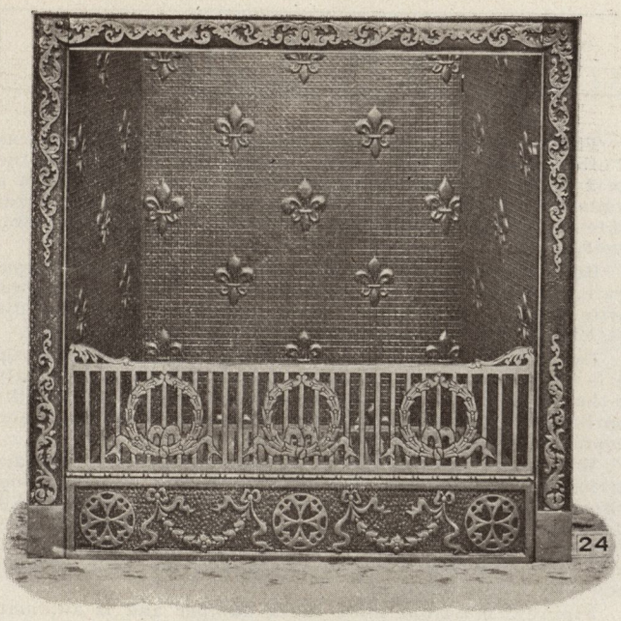
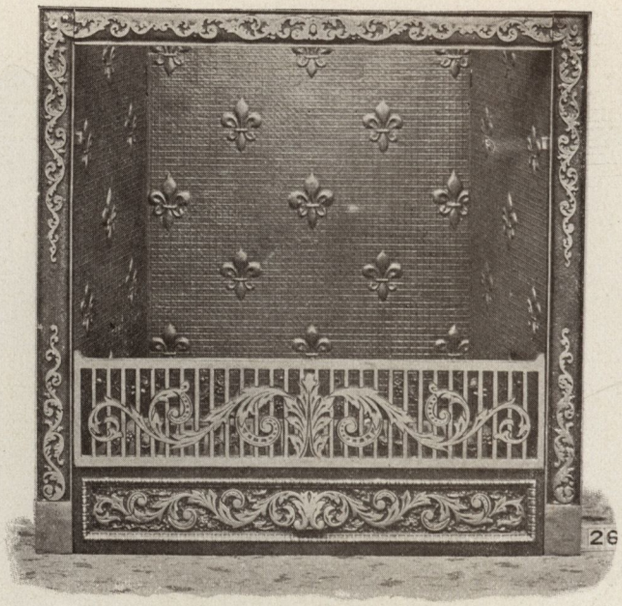



Plate No. 43.



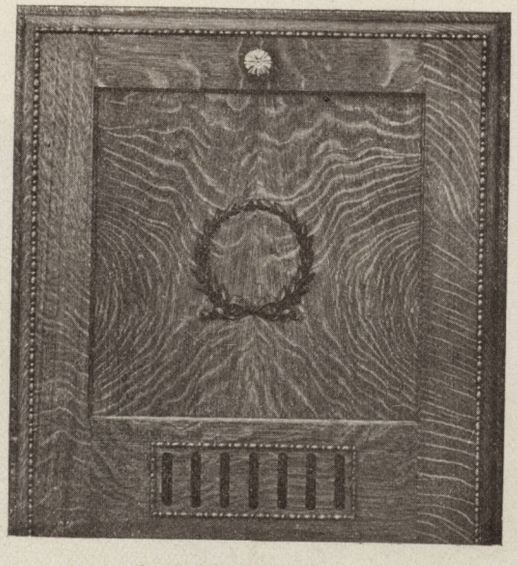

**No. 24 Club House Frame.**

Openings 26 inches wide and 28 inches high.
Ash Screen and 26 inch Dumping Bottom Club House Grate.
Metal Linings.




**No. 26 Club House Frame.**

Opening 26 inches wide and 28 inches high.
Ash Screen and 26 inch Dumping Bottom Club House Grate.
Metal Linings.



**No. 24 W.**

Club House Summer Front, Handsome Wood Panel, finished to match Mantel.

**No. 5**

Club House Double Copper Wire Spark Guard.

**No. 24**
**Metal Mantel Plate**
**Facings**

used with Club House Grate in place of tile. More handsome and durable and more easily placed in position. For mantel opening 36 x 42. Tile Facings mounted in 3 pieces for same size opening.

N. B.—We are the only manufacturers of Metal Mantel Plate Facings.

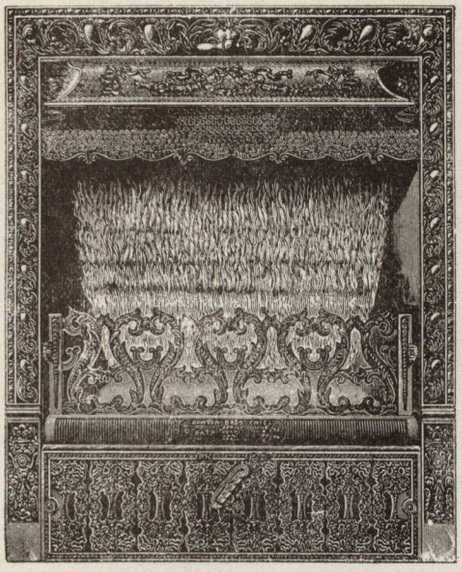
**No. 26**
**Metal Mantel Plate**
**Facings**

used with Club House Grate in place of tile. More handsome and durable and more easily placed in position For mantel opening 36 x 42. Tile Facings mounted in 3 pieces for same size opening.

N. B.—We are the only manufacturers of Metal Mantel Plate Facings.

**For prices see net price list.**

# IMPROVED ECLIPSE GAS GRATES



**No. 260. Plated Brass, Bronze or Nickel.**

Stock Sizes: 24½ in. wide by 30¼ in. high.
Stock Sizes: 30½ in. wide by 30¼ in. high.
Stock Sizes: 30½ in. wide by 32½ in. high.
Summer Front Extra.

## ECLIPSE GAS GRATES.

They are ornamental and economical; with fifteen to eighteen feet of gas per hour, the average room can be comfortably heated.

They are excellent ventilators, having adjustable dampers at top to open or close at pleasure.

They will never burn ont. Only the best material is used in their construction.

They burn a blue flame and when properly connected are absolutely odorless of gas, and the entire heat is thrown out and equally distributed into the room.

The supply of gas is regulated by the lever at bottom; a large or small fire is obtained as the occasion requires.

The No. 260 is a hot air circulating grate, drawing cold air from floor, heating same and discharging it from top of grate; the pure circulated air does not come in contact with the fire.

Floors are always warm owing to the perfect downward radiation of heat.

Owing to the cold air passing under grate, it can, with absolute safety, be connected with lead pipe coupling.

They are supplied with our patent deflector or shield above the fire, which draws the fire up and in back of same into a hot-air chamber, over which the cold air must pass, thus heating the circulated air twice as hot as that heated by any other grate

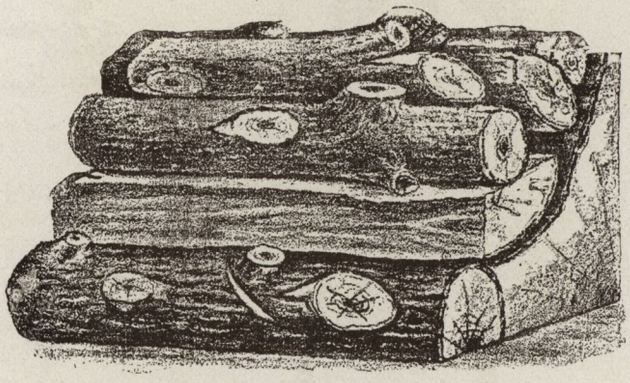
**Fitted with Latest Patent Steel Burner, Damper and Back Hot Air Circulation.**
**See Sectional View.**

**No. 302. Plated Brass, Bronze or Nickel.**

Stock Sizes: 24½ in. wide by 30¼ in. high.
Stock Sizes: 30½ in. wide by 30¼ in. high.
Stock Sizes: 30½ in. wide by 32½ in high.
Summer Front Extra.

## GAS LOG.

(three stick)

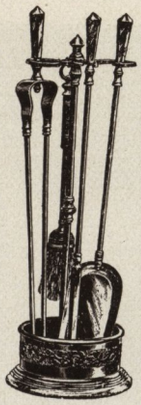


Made in 12, 14, 16, 18, 20, 22, 24 and 26 inch.
Forked Stick Log (Barked), Six Stick Log, Split Stick Log, same prices as above.

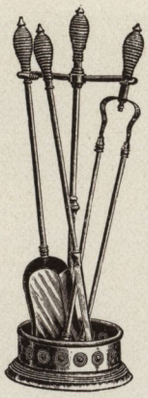
**No. 4**—Aldine Double Copper Wire Spark Guard.

Quotations will be made on application for Mantel, Tile and Gas Grate Outfit complete. **For prices see net pcice list.**

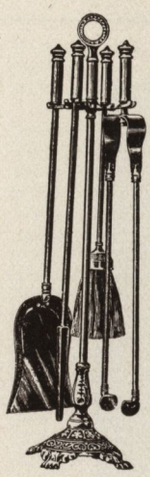
# POLISHED BRASS FIRE SETS



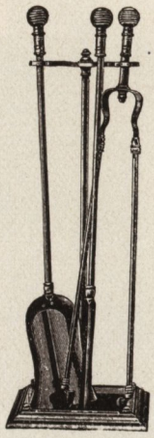
**No. 19**
26 inches high.



**No. 15**
26 inches high.



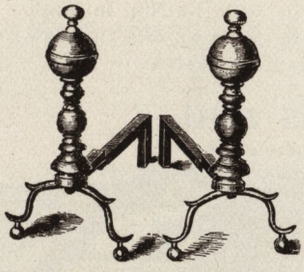
**No. 65**
27 inches high.



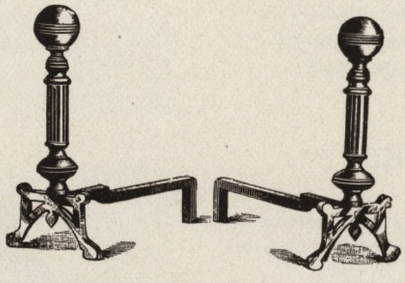
**No. 33**
26 inches high

## POLISHED BRASS ANDIRONS

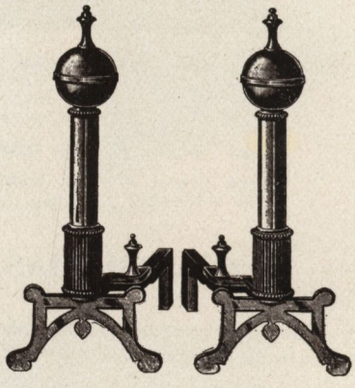
**Cast Brass**



**No. 15.** Straight, 16½ inches high.
**No. 16.** Circular, 16½ inches high.



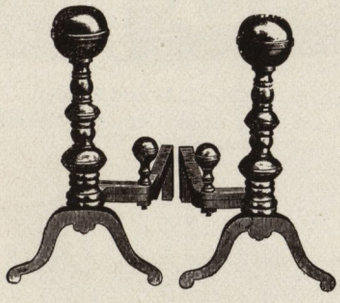
**No. 24.** Straight, 18 inches high.
**No. 25.** Circular, 18 inches high.



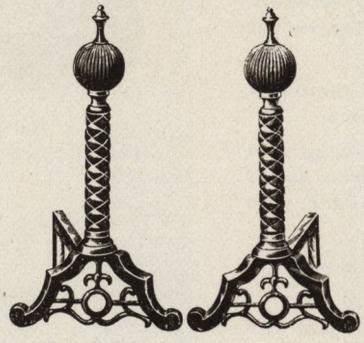
**No. 35.** Straight, 21 inches high.
**No. 36.** Circular, 21 inches high.

## COMBINATION BRASS AND IRON

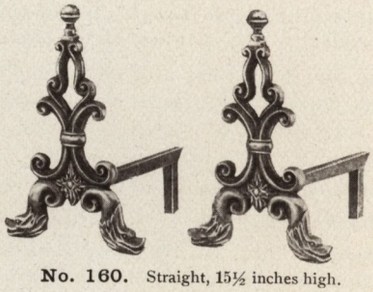
**Brass or Bronze Finish. Bright or Antique.**



**No. 162.** 22 inches high.



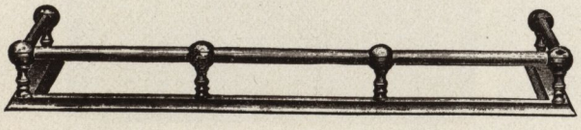
**No. 158.** Circular, 24 inches high.



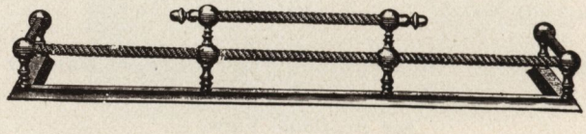
**No. 160.** Straight, 15½ inches high.

## SOLID BRASS FENDERS

**Polished Brass or Antique Finish**



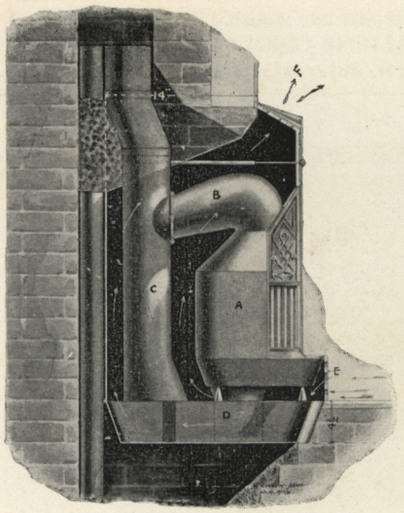
**No. 288.** 4½ inches high, 35 or 41 inches long.
**No. 288.** 4½ inches high, 47 or 53 inches long.



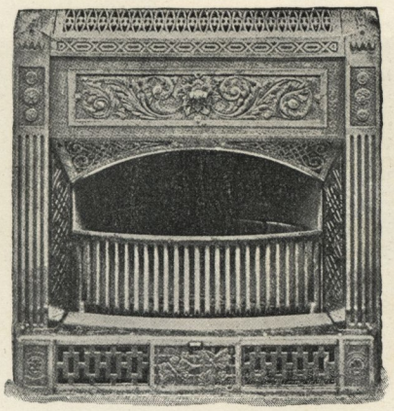
**Fancy Rope Rails**

**No. 296.** 7 inches high, 35 or 41 inches long.
**No. 296.** 7 inches high, 47 or 53 inches long

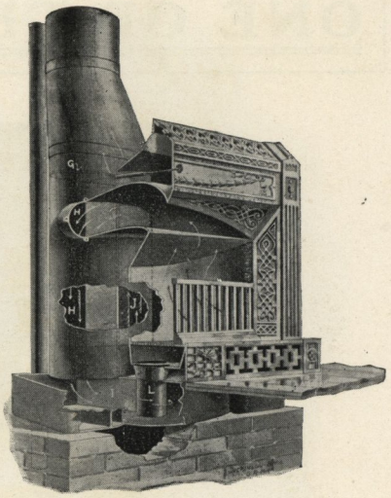
**For prices see net price list.**




No. 25



No. 1 Aldine Front Design



No. 26

# THE ALDINE OPEN FIRE-PLACE

THE Aldine Open Fire-place cannot be compared with the common direct-draught grates offered by all other manufacturers. It is a heater, and has often taken the place of stove or furnace. It is made on the **return-draught** principle, and will save more than 60 per cent. of the fuel and more than 85 per cent. of the heat, which direct-draught grates waste. By means of our special Top Damper Attachment, the "Aldine" will heat upper and lower adjoining rooms, and, if the chimney be in the right place, one "Aldine" will do the work of four common direct-draught grates.

The Aldine not only furnishes a greater amount of heat from less fuel, by direct radiation, but, in addition, as much more heat by **indirect-radiation,** and the heat produced by **both direct** and **indirect-radiation** is kept in constant circulation, producing a perfect ventilation.

Plate No. 26 shows that the product of combustion when damper G is turned to the left, pass from fire-pot into flue H, down flue I, around ash dump L, and up flue J through a radiating surface of 30 square feet before entering the chimney K, a large percentage of the heat-bearing gases thus being consumed in the flues and utilized.

Referring to plate No. 25, it will be observed that the fire-pot, flues and ash pan are incased in an iron jacket, forming an air chamber. When the fire-pot A, the flues B, C, and D become heated, they form a radiating surface of thirty square feet over which the cold air, entering openings at either side of base at E, is passed, heated, purified, and thrown out into the room through register F, keeping up a constant circulation, taking the cold air off the floor and distributing heated air equally throughout the room, keeping the temperature the same in all parts of the room from floor to ceiling, the atmosphere pure and wholesome at all times, and ventilating perfectly without draughts.

The "Aldine" can be piped to any chimney, like a common stove, if desired, burns hard or soft coal, wood, coke, natural or artificial gas with perfect combustion—absolutely no waste of fuel—and keeps fire night and day as long as wanted, and without dust, gas or smoke in the room.

The Aldine Open Fire-place is built in several styles of the finest Stove Plate Iron, is mounted in one piece, and weighs 500 pounds, crated and boxed ready for shipment. It can be set by any intelligent mason by following our simple instructions. The opening in the chimney breast to admit the "Aldine" should be 32 inches high (but 30 inches will do), 26 inches wide (but 24 inches will do) and 12 inches deep.

The "Aldine" saves the use of the furnace, steam or hot water plant, at least six weeks in the fall and spring, the saving in fuel being equal within a very short time to the first cost of the "Aldine;" while, during the most severe weather, the "Aldine" can be used in connection with the other heating apparatus without any additional expense for fuel, as the heat produced by both will be circulated by the "Aldine" thoroughly throughout the room and the temperature kept equal from floor to ceiling, while, at the same time giving perfect ventilation and a cheerful open fire.

## TESTIMONIALS:

Lawrence, Mass.

Gentlemen: I have used the Aldine Open Fire-place six years. Many times I have placed a thermometer near the ceiling and one near the floor, and the temperature on the floor was only one degree lower than near the ceiling. It is the only fire-place. I have used direct-draught grates, and I know the difference.

JAS. J. MURRAY, Postmaster.

West Jefferson, Ohio.

Gentlemen: The "Aldine" bought several years ago has been a source of comfort to me, and an object of admiration to my friends. With it I heat my waiting room and my consulting-room.

G. F. JEWETT, M. D.

Lynchburg, Va.

Gentlemen: Several years ago I bought an Aldine Open Fire-place with the top damper attachment, and have satisfactorily heated two lower and two upper rooms.

JUDGE STEPHEN ADAMS.

Everett, Wash.

Gentlemen: I have used the Aldine Open Fire-place nearly two years, and have found it far superior to any grate we have ever used.

JOHN C. DENNY.

**(Unsolicited and Unauthorized.)**

204 Broadway, Albert Lea, Minn.

Aldine Grate Co.,
Grand Rapids, Mich.

Dear Sir: Will you please send catalogue of your Aldine Grate and Mantels to Mr. Mark M. Kelly, St. Charles, Ill. They were visiting us and intended to put in a fire-place in their home and we were anxious for them to have an "Aldine," as we are using one that we put in 13 years ago, and know its value.

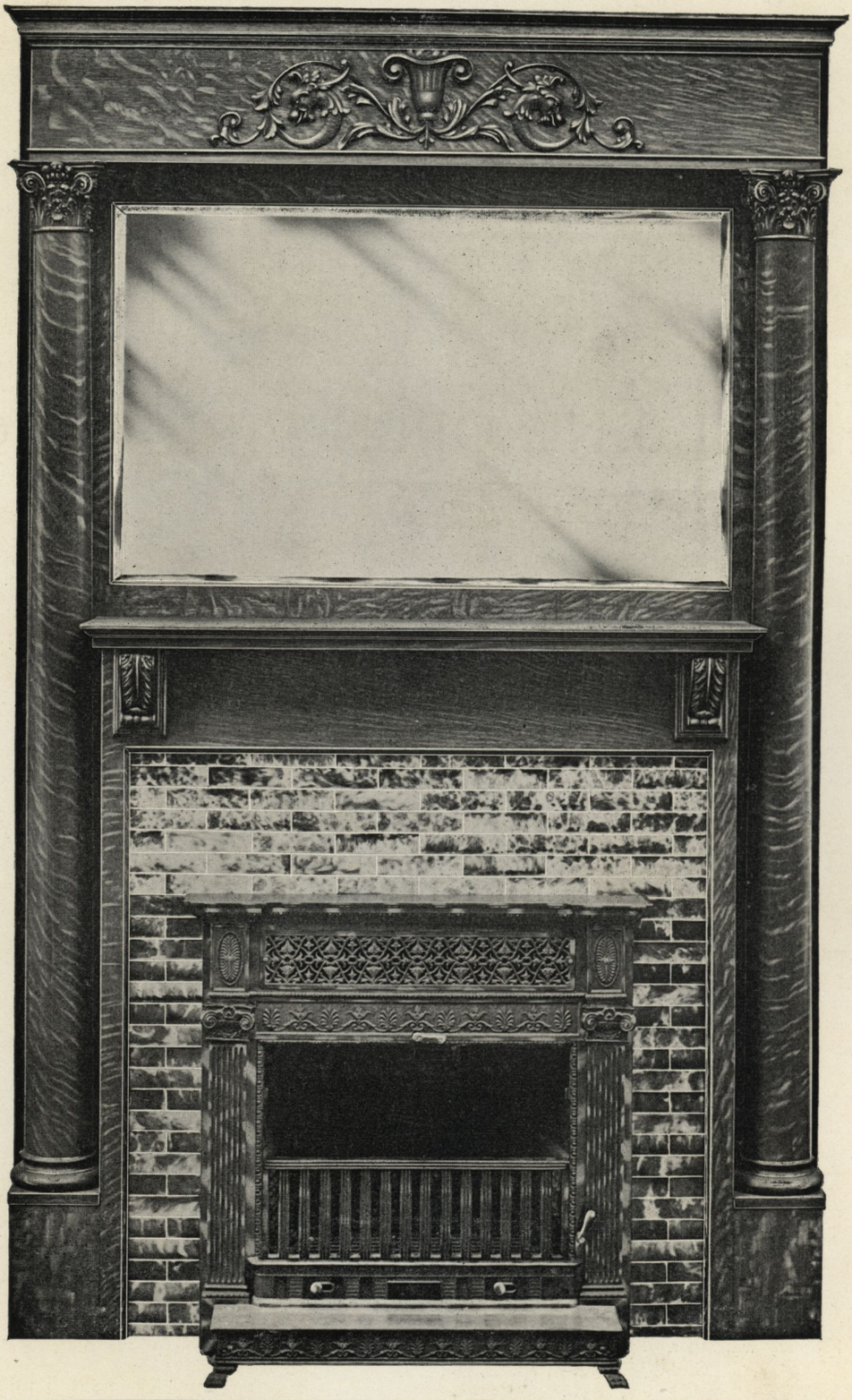
By granting the above request you will not only confer a favor upon us, but will make a sale for you.

Respectfully yours, J. A. FULLER.

FOR SALE BY

# ONE OF THEM

**One of Our Stock Outfits** Any Wood and any Finish. Shown with No. 2 ALDINE OPEN FIRE-PLACE,
Tile Facings, less Summer Front, Blower, Poker, Hook and Spark Guard.



## 14 QUESTIONS

**That YOU ought to ask of Manufacturers of Mantels and Grates . . .**

**Before YOU Buy.**

1st—Is not a wood mantel subjected to a very severe test? 2nd—Are your mantels made of selected kiln-dried, quartered white oak of best quality? 3rd—Are your mantels put together with screws instead of nails, and the joints dowelled and glued? 4th—Are the shelves boxed and reinforced with glued blocks? 5th—Do you guarantee your mantels not to warp or shrink or the joints to open, or the finish to turn white, crack or lose its lustre? 6th—Do you use the same quality of varnish for the first coat as for the finishing coat, and do you apply four coats, and is the last coat hand rubbed to a piano polish? 7th—Are your mirrors the best quality French bevel-plate? 8th—Does a profile view show the construction of a mantel, and do you show profiles in your catalogues? 9th—Is yours a return draught grate? 10th—Has it a top damper attachment whereby upper and adjoining rooms may be heated? 11th—Will it burn hard coal and keep fire night and day? 12th—Do you furnish Metal Mantel plate Facings? 13th—Do you electroplate in Old Silver, Bright Copper, Old Copper Bronze, Antique Brass and Nickel, and will your electroplating last for years? 14th—If your mantels and grates are not exactly as described in the foregoing questions, do you agree that the goods shall be held by consignees subject to your order?

We answer "Yes" to all these questions. We are the only manufacturers of a Return Draught Grate with top damper attachment as described—the **Aldine Open Fire-Place**—and we are also the only manufacturers of **Metal Mantel Plate Facings,** which are handsomer and far more durable than tile.

**Aldine Grate and Mantel Co.,**
GRAND RAPIDS, MICH.

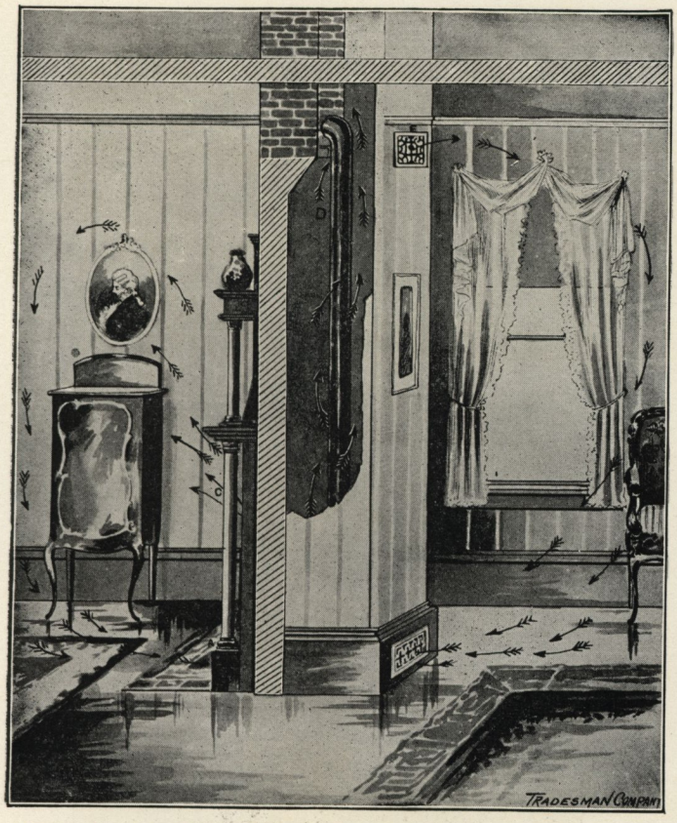


**Plate No. 32**—Represents the "Aldine" set in a partition wall, and giving its heat into both rooms. The back of the Fire-Place and the smoke pipe are enclosed in a false chimney of lath and plastering on studing. The cold air passes into the register at the base of this (as shown by the arrows) following along up the pipe thoroughly heated and discharged into the room again, through the register at E. The back of grate is thoroughly encased in brick work, so that no possible danger of fire exists.

# THE ALDINE
## OPEN FIRE PLACE

**With Special Top Damper Attachment.**

For heating upper or adjoining rooms is shown in plates Nos. 28, 30, 32 and 34.

It is in every respect the same as described on preceding page, except that it is so arranged that when set as shown in cut the entire warm air circulation can, by opening damper O, be carried into an upper or adjoining room, by running smoke pipe P and dust pipe Q up the chimney to a point above where the heat is required and bricking securely around them, the space R, between the pipes and the chimney walls forming a heating chamber, a register can be placed as shown and when the heat is not required in second room, register can be closed, making grate work same as the regular Aldine. This style is especially adapted for the South, but we also sell large numbers of them in the North. The heat obtained from top damper being sufficient to comfortably heat one or two chambers in severe weather. In many cases entire houses are heated in a most satifactory manner by its use.

**WE SUPPLY REGISTERS AT WHOLESALE PRICES.**

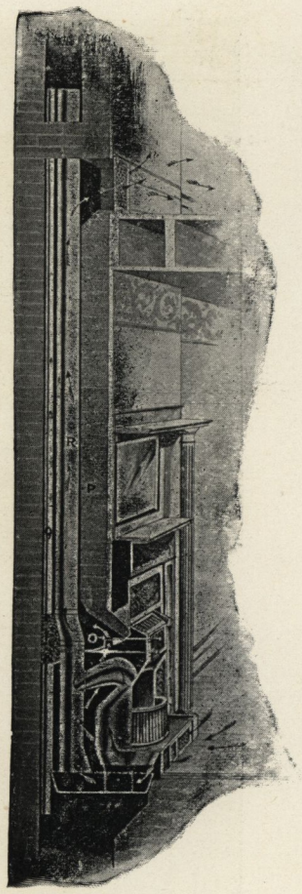


**Plate No. 28**

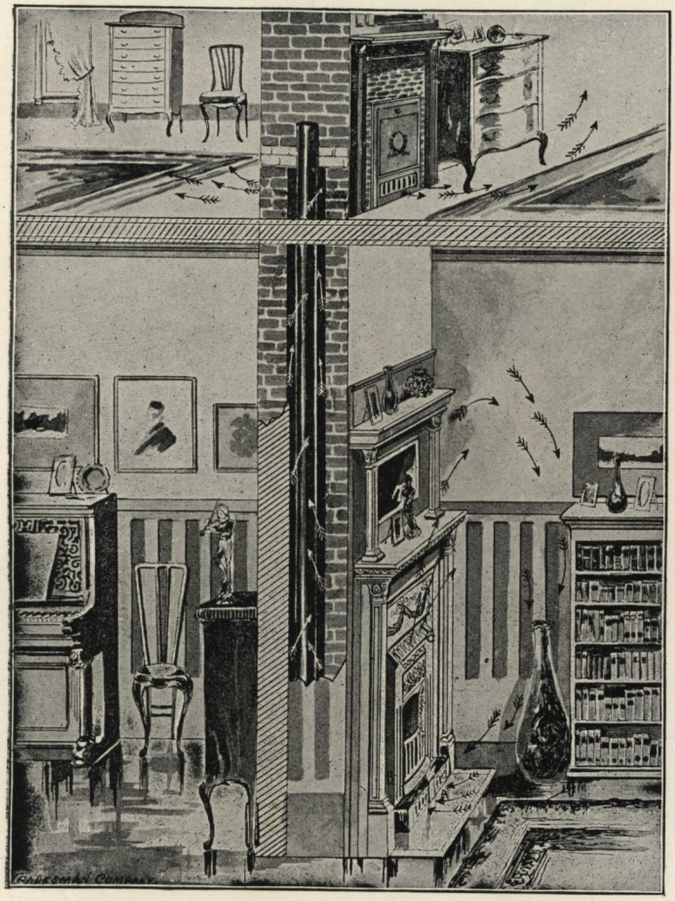


**Plate No. 34**—Representing the "Aldine" set for heating one room below and two above; one with register in base-board, the other with False Outfit and Summer Front, giving very artistic and cheerful effect.

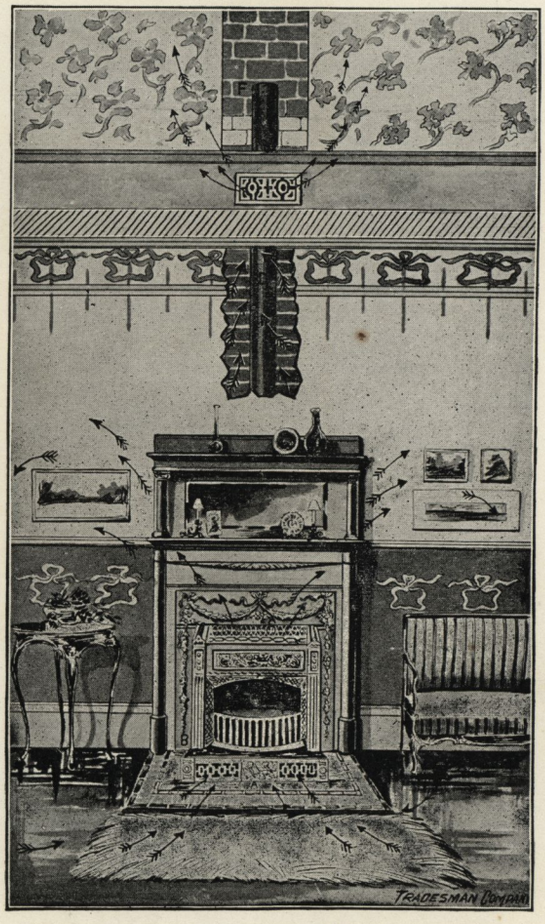
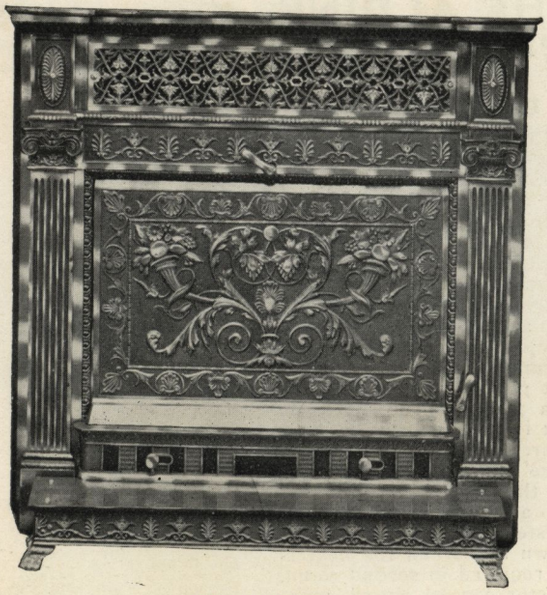
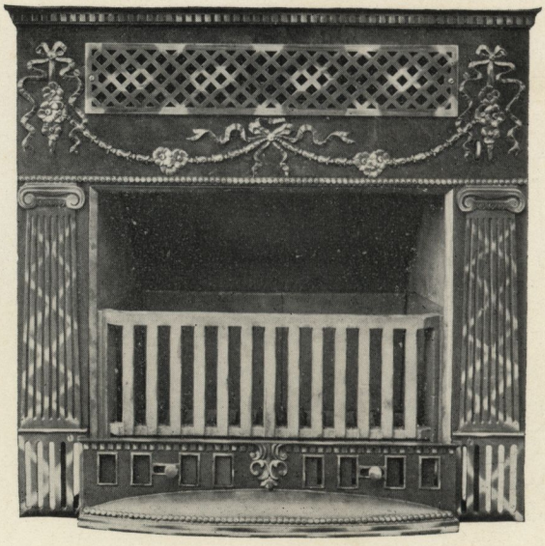


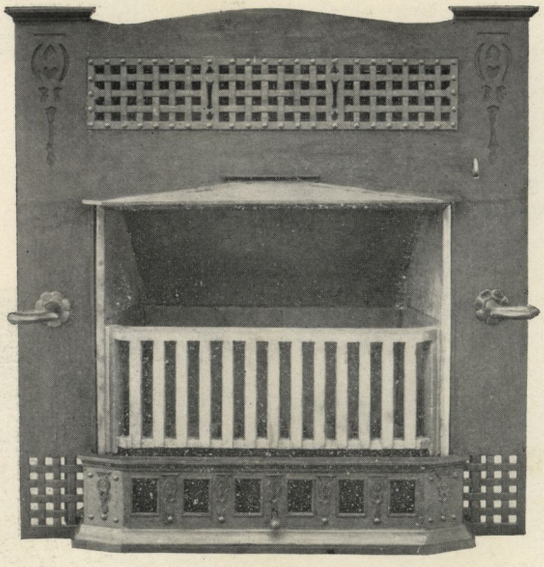
**Plate No. 30**—Represents the "Aldine" set with the hot air register in the base-board of the room above. The method is a very economical and effective way of warming a sleeping room.



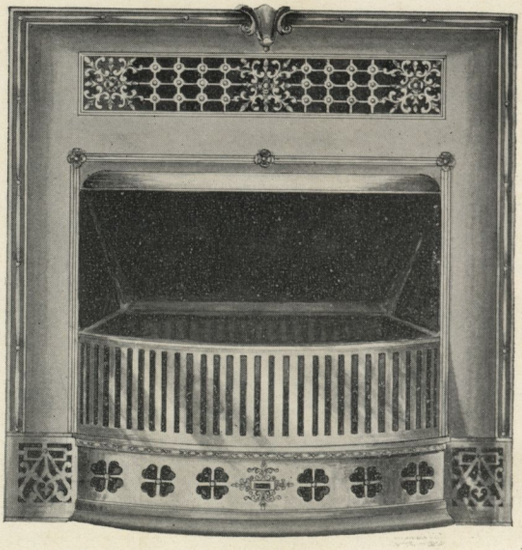
No. 2 ALDINE



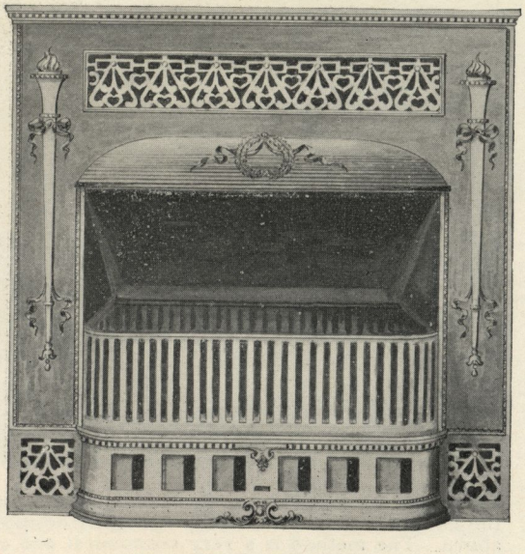
No. 3 COLONIAL ALDINE



No. 4 MISSION ALDINE

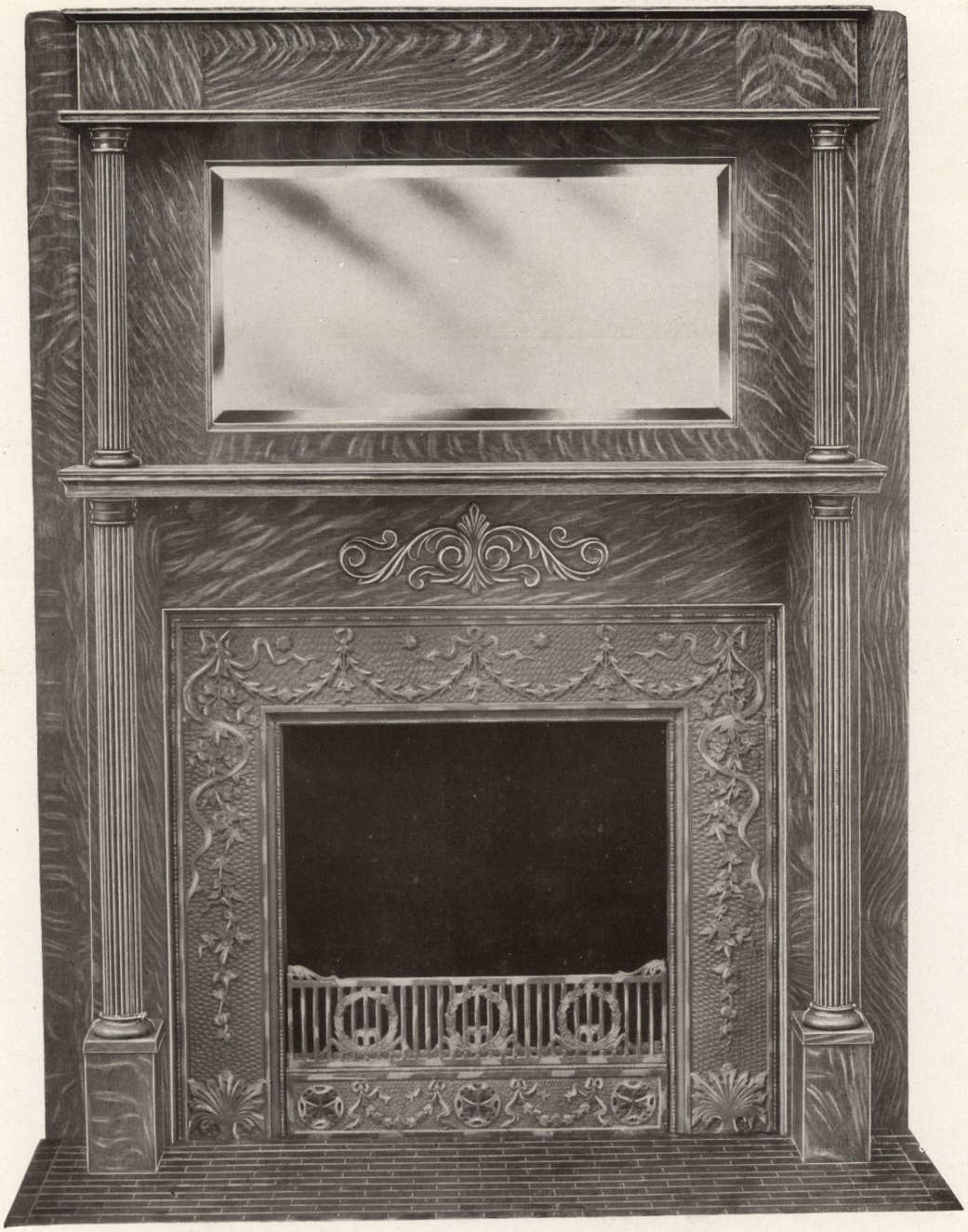


No. 5 RENAISANCE ALDINE



No. 6 EMPIRE ALDINE

No. 7 OLD COLONIAL ALDINE

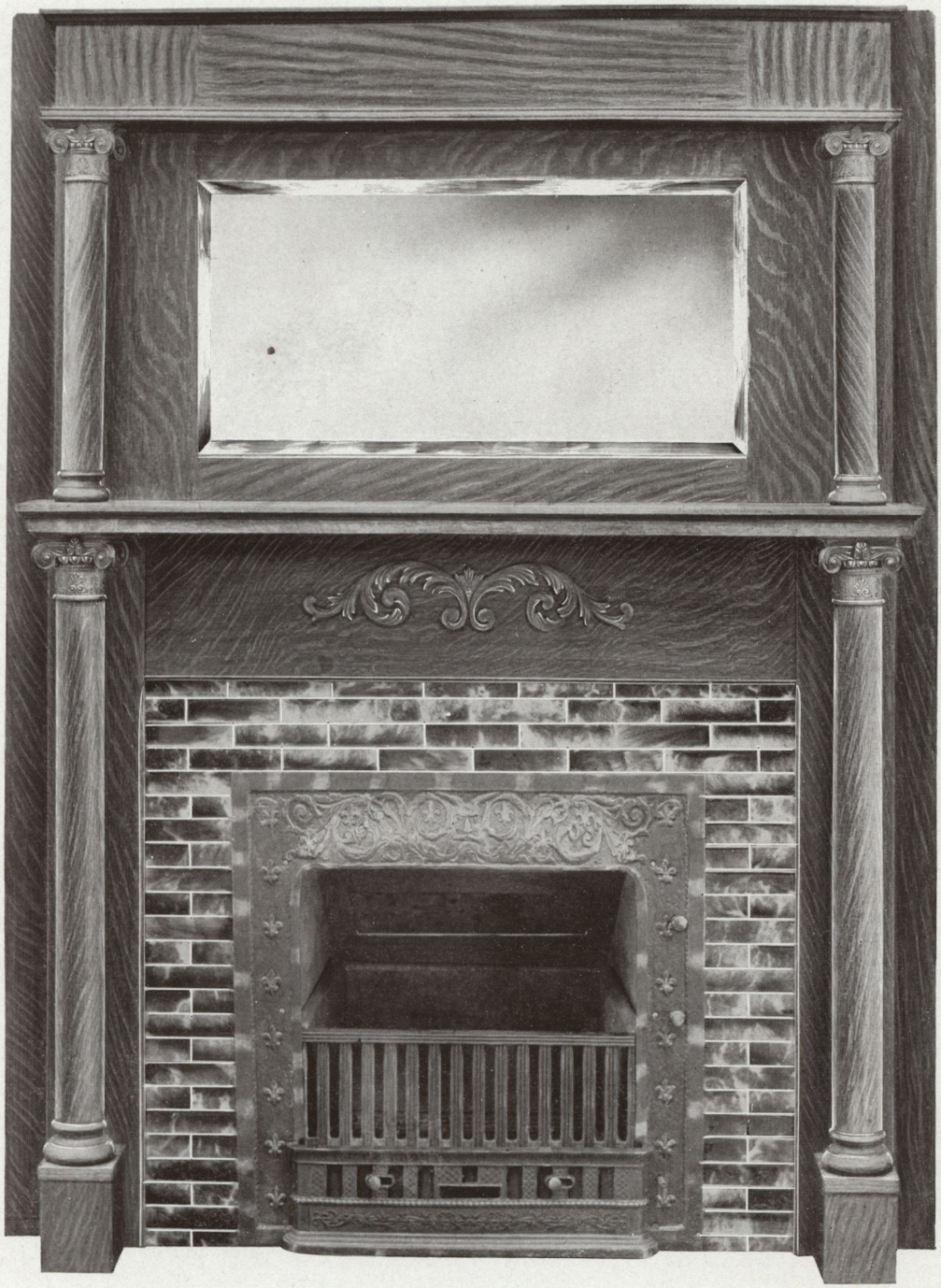


## No. 810

Shown with Club-house grate, metal mantel plates (patented) and tile hearth.

**DESCRIPTION**

Height, 78 inches. Height of base shelf, 47 inches.
Tile opening, 42 x 36 inches.
Mirror, first quality French bevel plate, 18 x 36.
Tile projection, 1⅞ inches.

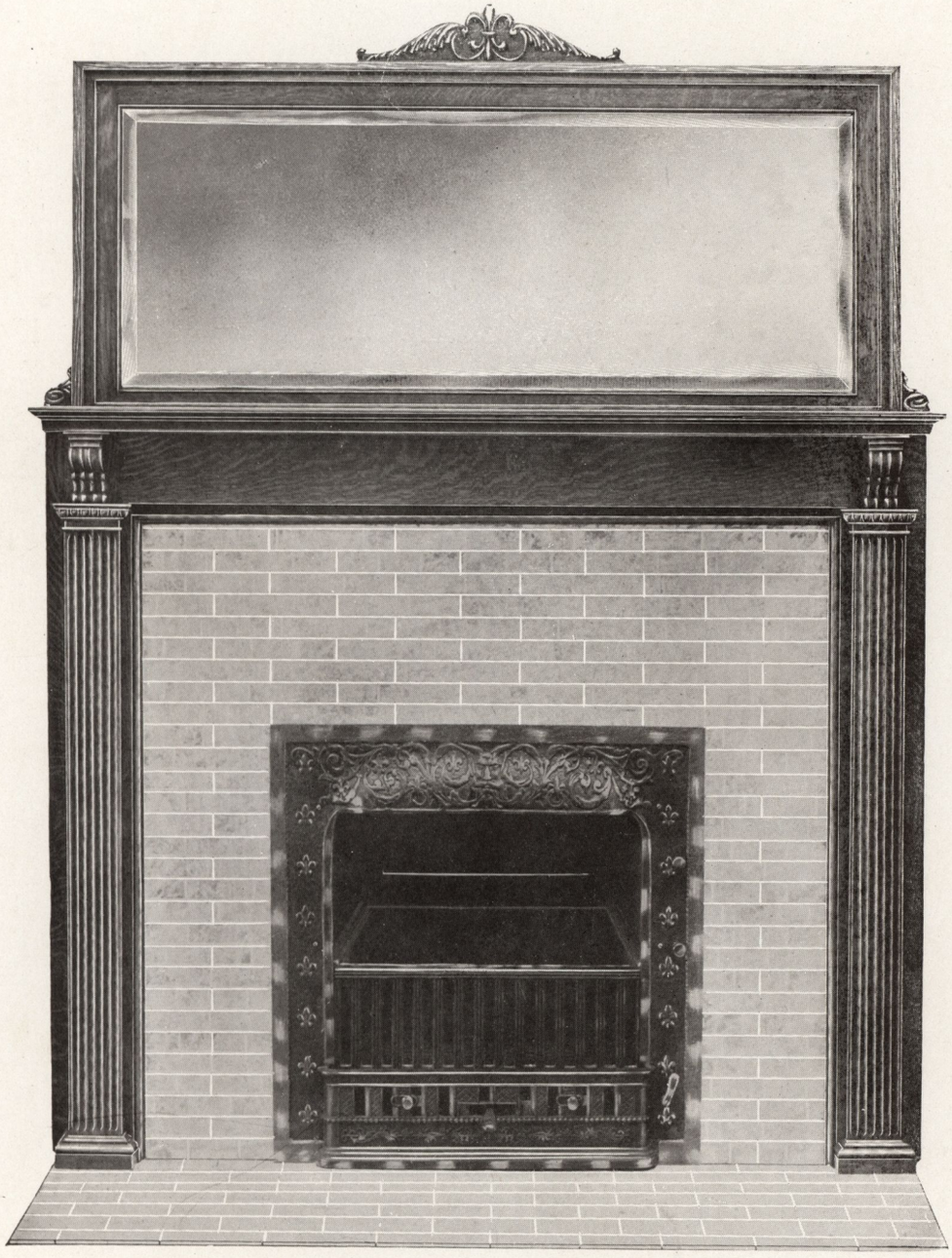


## No. 812

Shown with No. 2 X Ray Grate and Tile Facing.

DESCRIPTION

Height, 78 inches. Height of Base Shelf, 47 inches.
Tile Opening, 42 x 36 inches. Tile Projection, 1 7/8 inches.
Mirror, First Quality French Bevel Plate, 18 x 36.



## No. 814.

Shown with No. 2 X Ray grate and tile facings.

**DESCRIPTION.**

Height, 78 inches. Height of base shelf, 50 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 20 x 50.
Tile projection, 1⅞ inches.

## No. 816

Shown with No. 2 X Ray Grate and Tile Facing.

DESCRIPTION

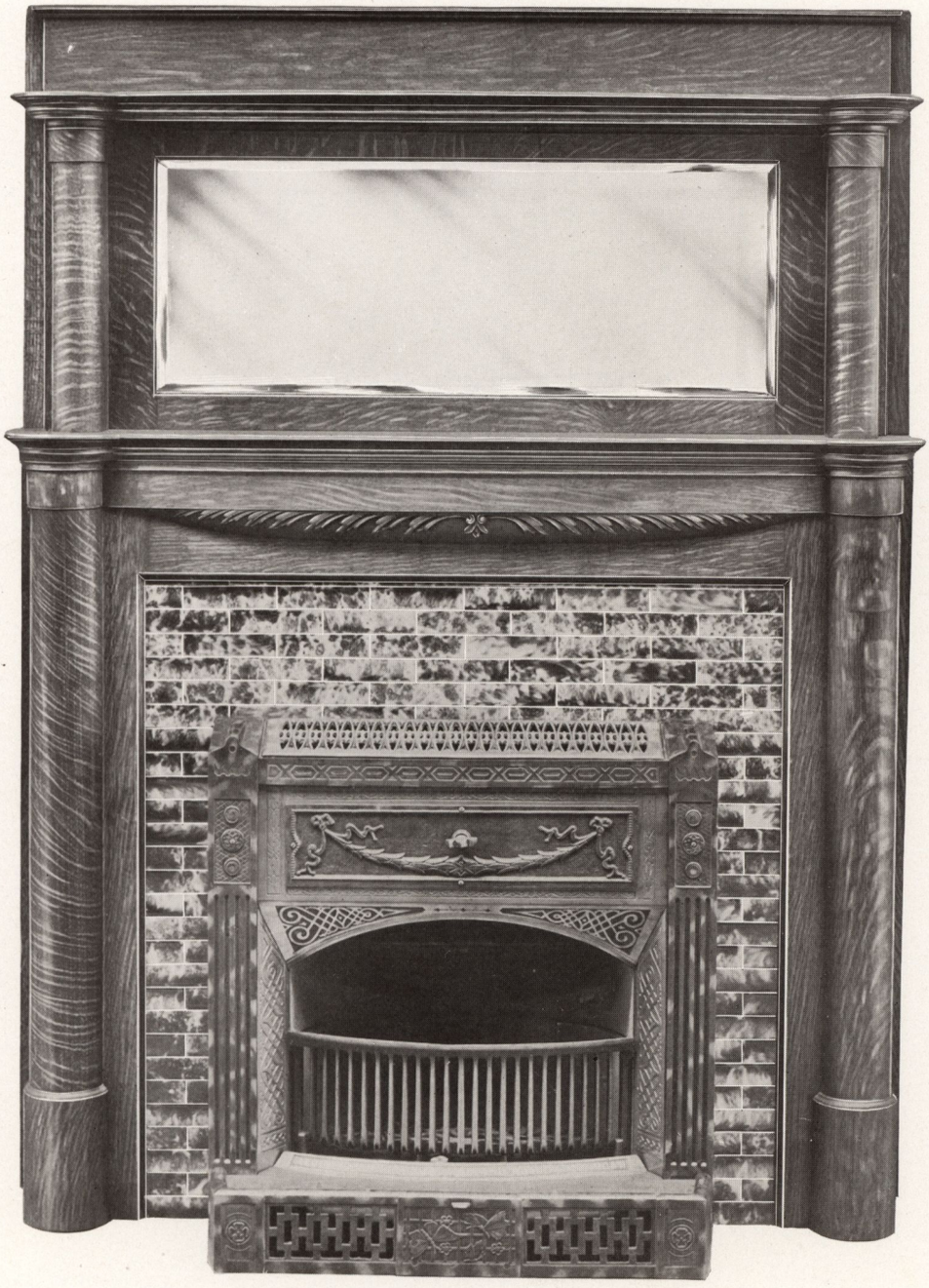
Height, 80 inches. Height of Base Shelf, 48 inches.
Tile Opening, 42 x 36 inches. Tile Projection, 1 7/8 inches.
Mirror, First Quality French Bevel Plate, 18 x 36.

## No. 827

Shown with Aldine fire-place and No. 42 metal plate facings (patented).

DESCRIPTION.

Height, 87 inches. Height of base shelf, 51 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 18x42.
Tile projection, 7½ inches.

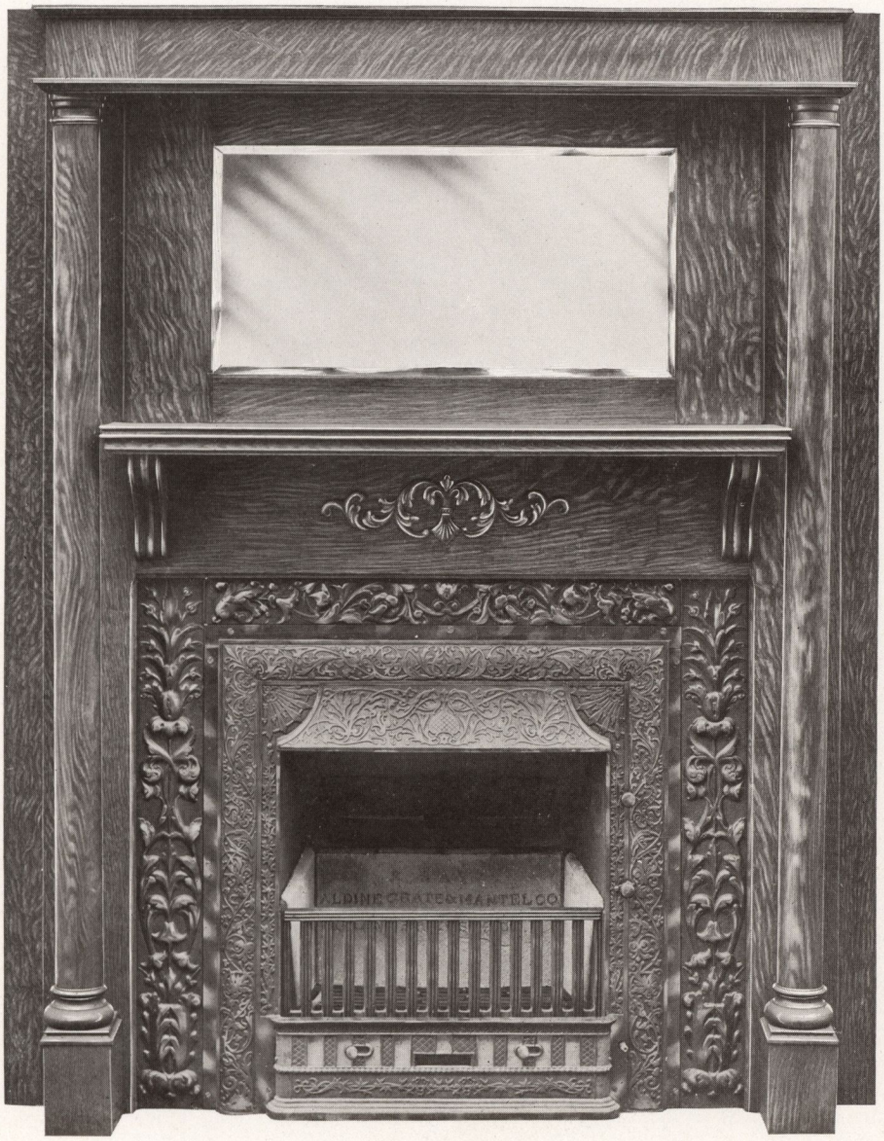


**No. 829**

Shown with Aldine fire-place and tile facings.

**DESCRIPTION**

Height, 81 inches. Height of base shelf, 51 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 16 x 42.
Tile projection, 6¾ inches.



## No. 830

Shown with X Ray grate and No. 20 metal plate facings.

**DESCRIPTION**

Height, 72 inches. Height of base shelf, 46½ inches.
Tile opening, 36 inches high by 42 inches wide.
Mirror, first quality French bevel plate, 16 x 32.
Tile projection, 1¾ inches.

## No. 832

Shown with No. 1 X Ray Grate and Tile Facing.

DESCRIPTION

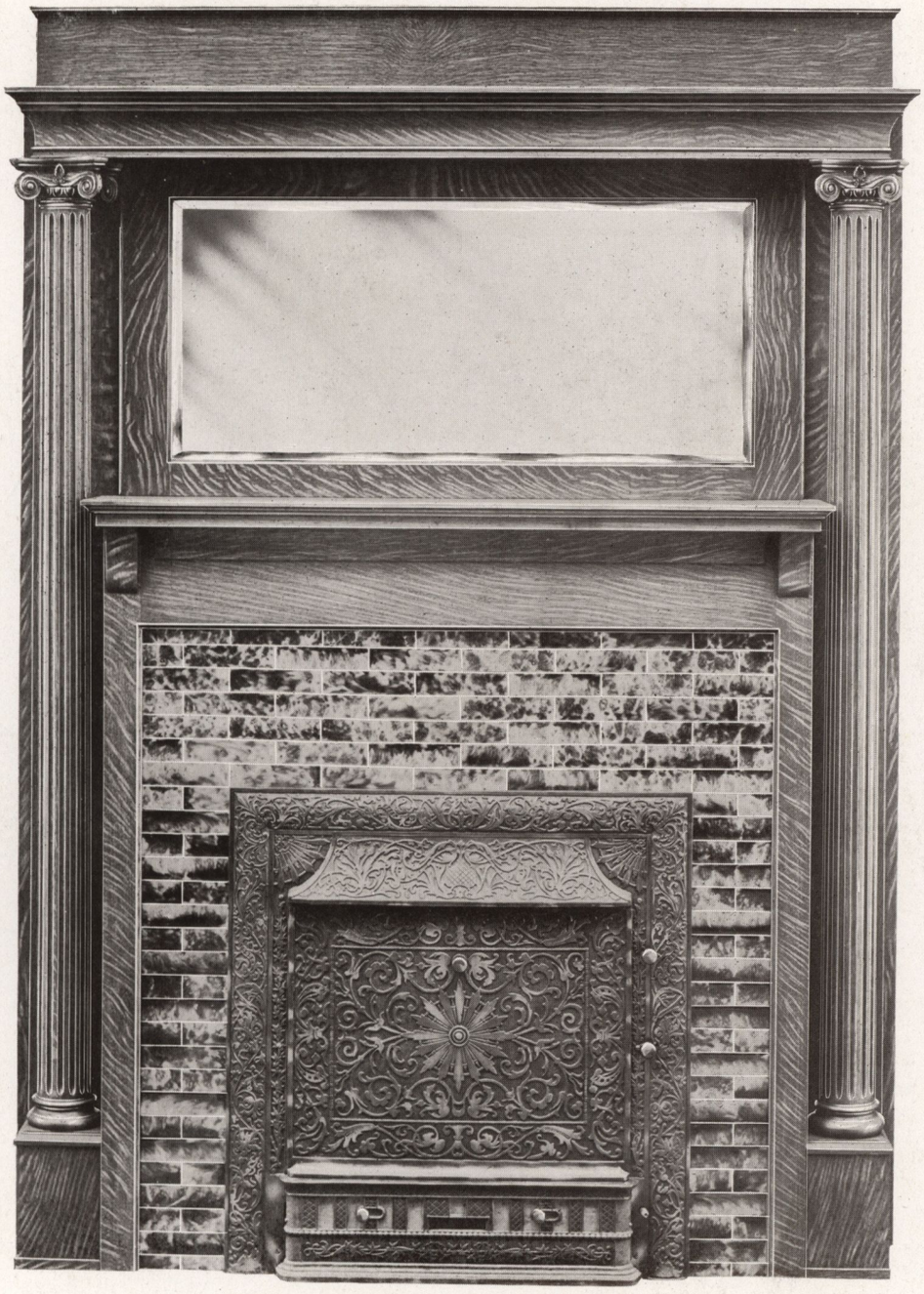
Height, 78 inches. Height of Base Shelf, 46½ inches.
Tile Opening, 42 x 36 inches. Tile Projection, 1⅞ inches.
Mirror, First Quality French Bevel Plate, 16 x 32.

**No. 834.**

Shown with basket grate and tile facings.

**DESCRIPTION.**

Height, 78 inches. Height of base shelf, 59½ inches.
Tile opening, 42 x 42 inches.
Mirrors, 10 x 14, 10 x 20, 10 x 14.
Tile projection, 2 inches.

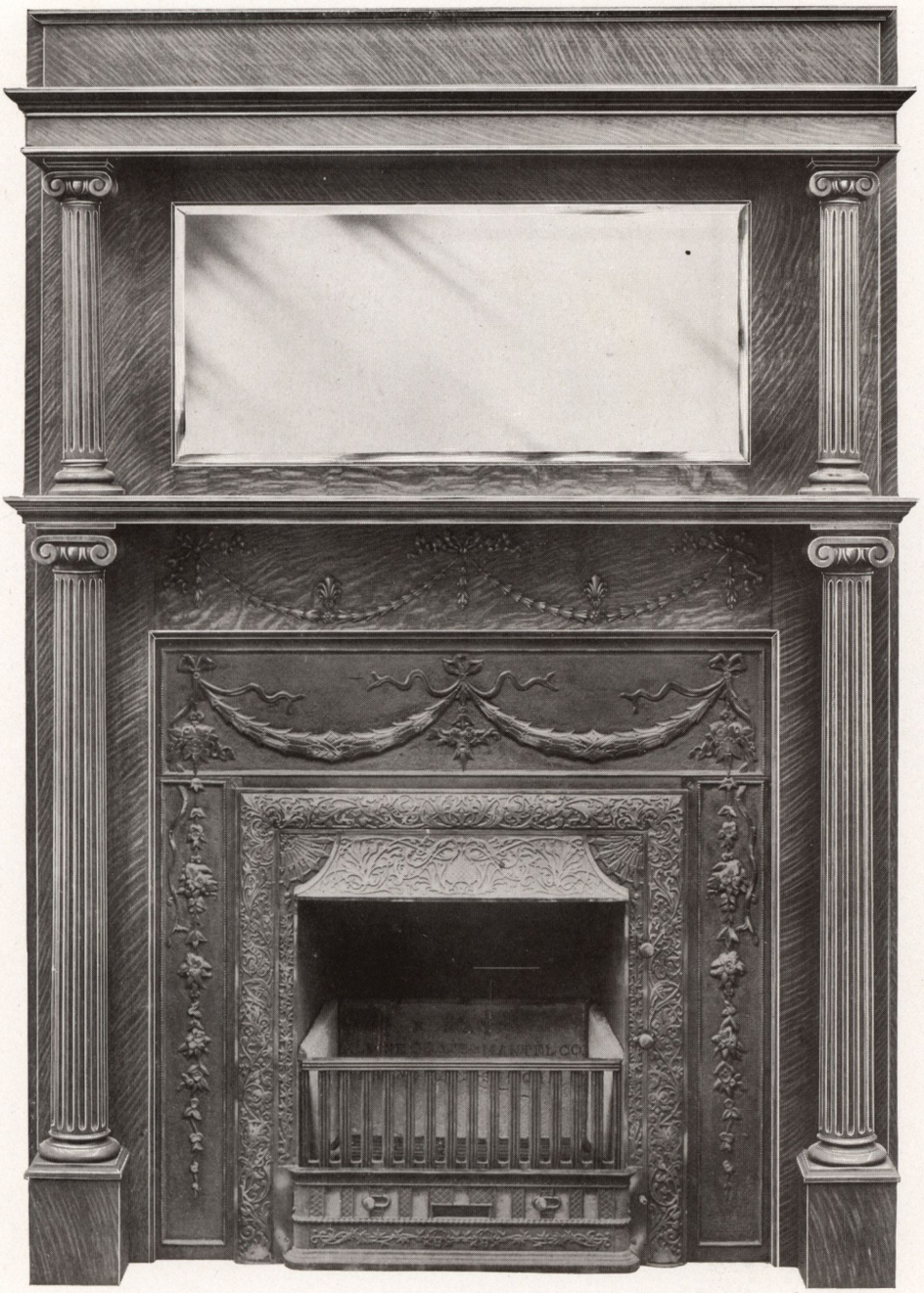


**No. 837**

Shown with X Ray grate (with summer front) and tile facings.

**DESCRIPTION**

Height, 82¾ inches. Height of base shelf, 50 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 18 x 40.
Tile projection, 7½ inches.

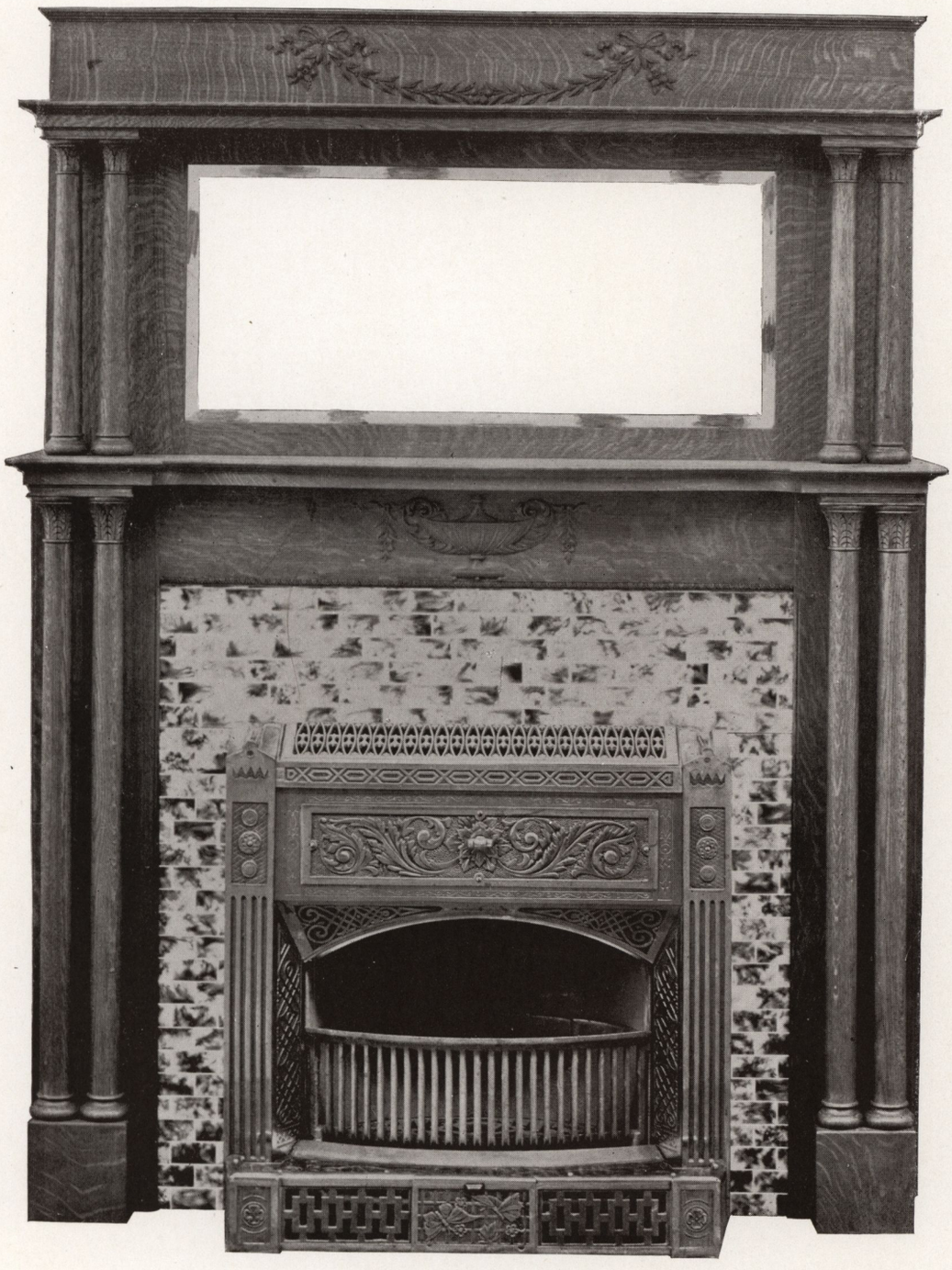


**No. 853**

Shown with X Ray grate and No. 42 metal plate facings (patented).

**DESCRIPTION**

Height, 84 inches. Height of base shelf, 51 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 18 x 40.
Tile projection, 4 inches.



**No. 855 Mantel.**

Shown with No. 1 Aldine Grate and Tile Facing.

**DESCRIPTION.**

Height, 80 inches. Height of base shelf, 50 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 18 x 40.
Tile projection, 5½ inches.

**No. 875**

Shown with Aldine fire-place and No. 42 metal mantel plates (patented).

**DESCRIPTION**

Height, 91½ inches. Height of base shelf, 51½ inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 24 x 44.
Tile projection, 4½ inches.

**No. 877**

Shown with No. 2 Aldine fire-place with Summer front and No. 42 metal plate facings (patented).

**DESCRIPTION**

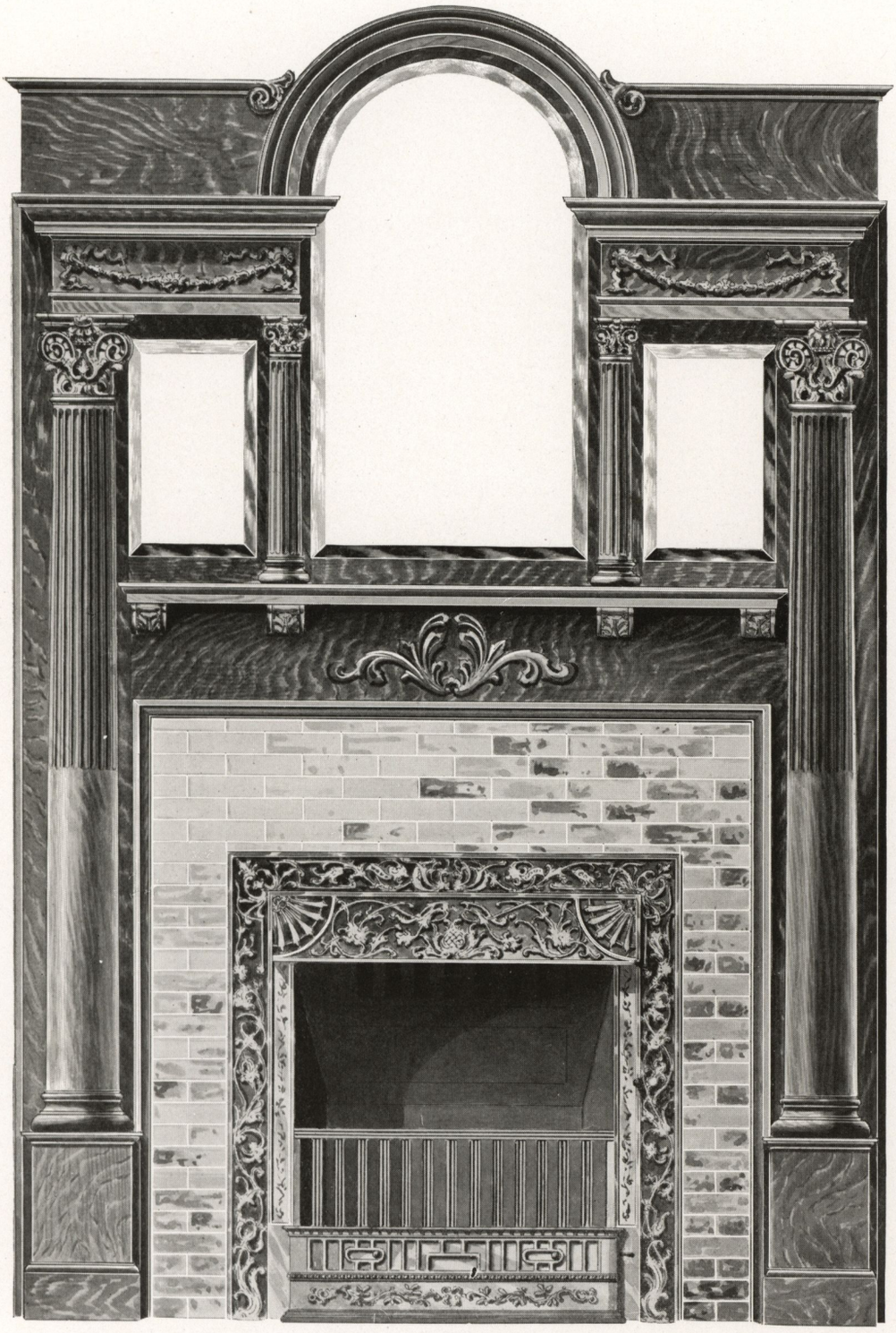
Height, 89 inches. Height of base shelf, 52 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 24 x 42.
Tile projection, 4½ inches.

**No. 883**

Shown with No. 2 Aldine fire-place and tile facings.

**DESCRIPTION**

Height, 94 inches. Height of base shelf, 51 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 28 x 46.
Tile projection, 7½ inches.



## No. 885

Shown with X-Ray grate and tile facings.

**DESCRIPTION.**

Height, 91 inches. Height of base shelf, 50 inches.
Tile opening, 42 inches square.
Mirrors, first quality French bevel plate, 19x34 in center and 9x15 in sides.
Tile projection 1⅝ inches.

## No. 899

Shown with Aldine fire-place and tile facings.

**DESCRIPTION**

Height, 60 inches. Height of base shelf, 51½ inches.
Tile opening, 42 inches square.
Tile projection, 4½ inches.

No. 912

Shown with No. 2 X Ray Grate and Tile Facing.

DESCRIPTION

Height, 55 inches. Height of Shelf, 47 inches.
Tile Opening, 42 x 36 inches. Tile Projection, 1 7/8 inches.

No. 920

Shown with Club House Grate and Metal Plate Facings. (Patented.)

DESCRIPTION

Height, 51 1/2 inches. Height of Shelf, 45 inches.
Tile Opening, 42 x 36 inches. Tile Projection, 2 inches.

**No. 921.**

Shown with No. 2 X Ray grate and tile facings.

**DESCRIPTION.**

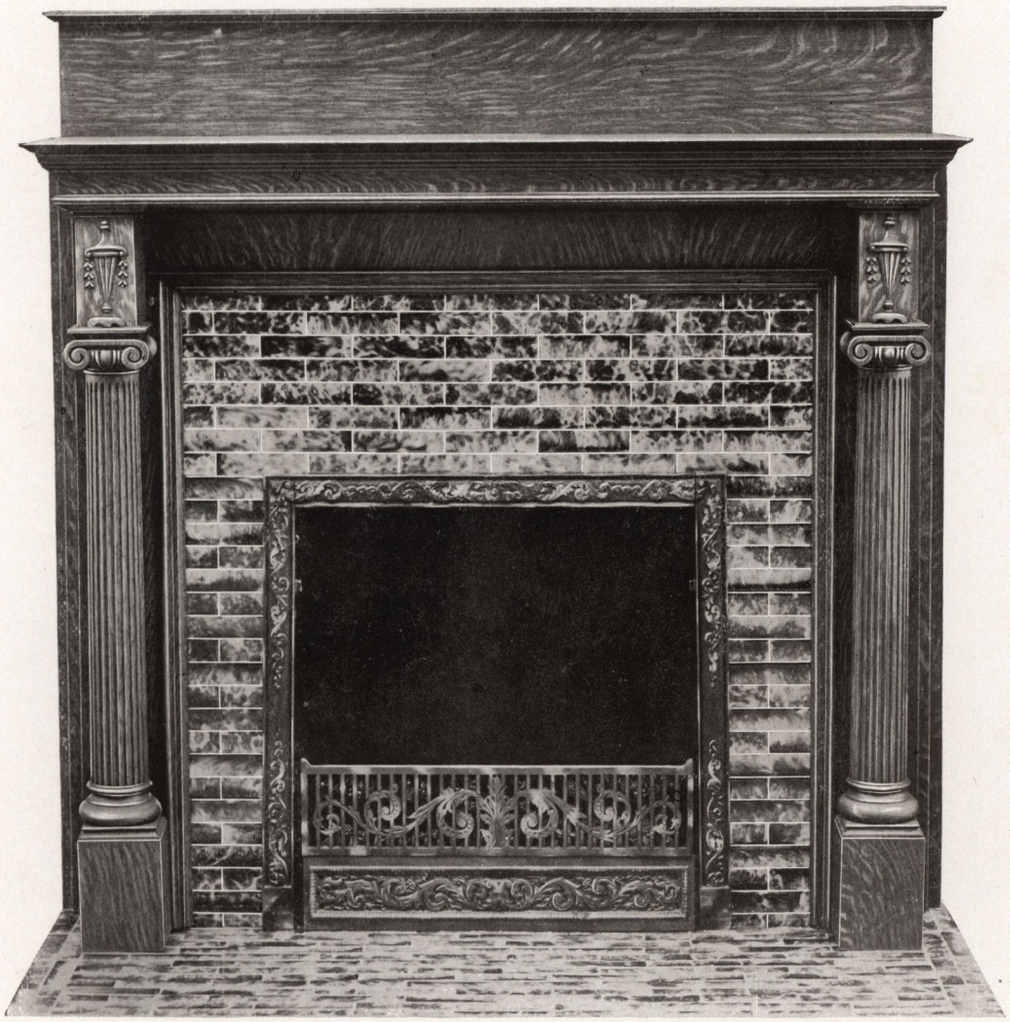
Height, 92 inches. Height of base shelf, 48¼ inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 10 x 45.
Tile projection, 1¾ inches.

## No. 969

Shown with Aldine fire-place and No. 48 mantel plate facings (patented).

**DESCRIPTION.**

Height, 70½ inches. Height of shelf, 60½ inches.
Tile opening, 48 inches square.
Tile projection 4½ inches.

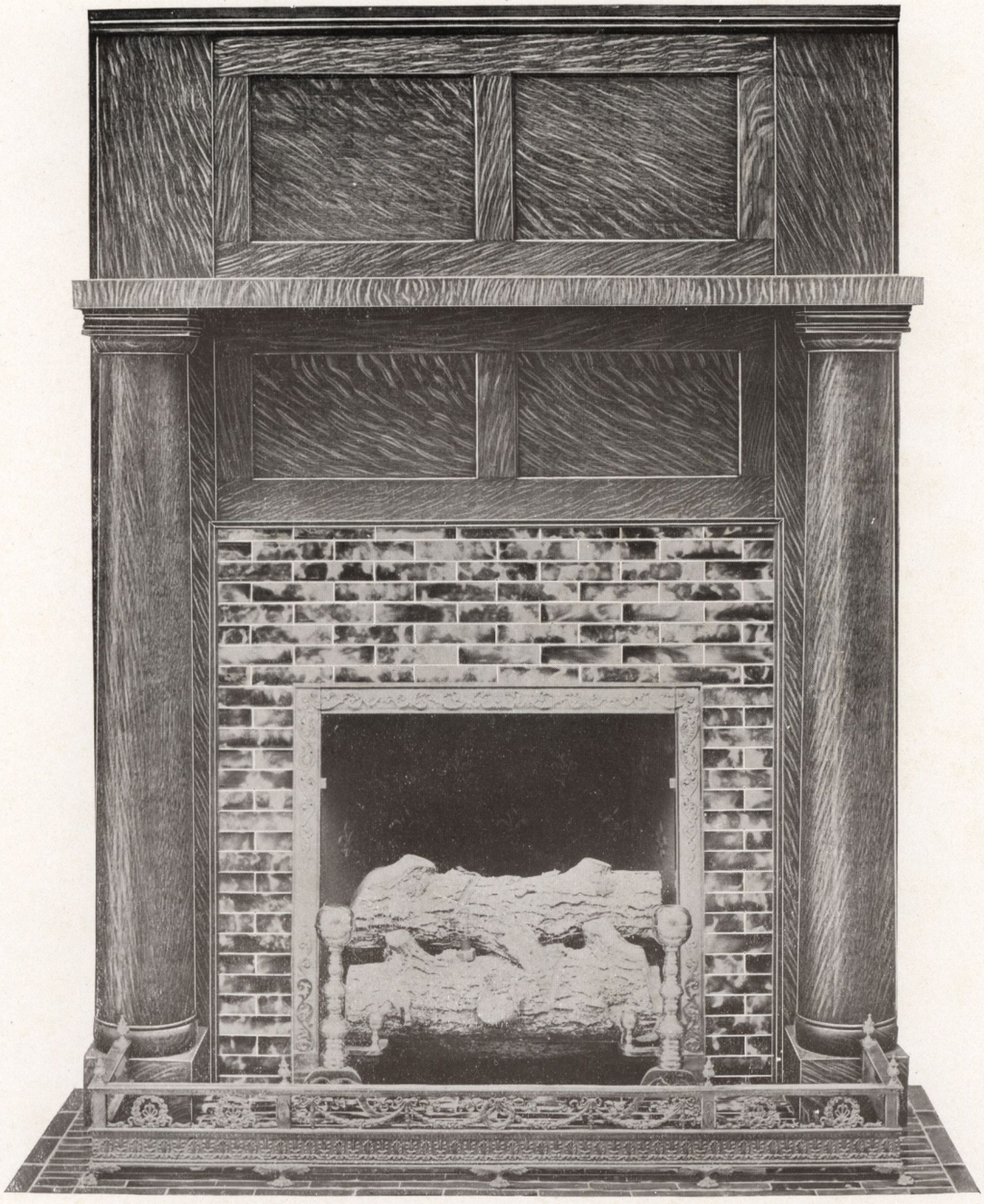


## No. 977

Shown with Club-house grate and tile facings.

**DESCRIPTION**

Height, 60½ inches. Height of base shelf, 52 inches.
Tile opening, 42 inches square.
Tile projection, 4½ inches.



## No. 1879

Shown with gas log, andirons, 2-inch frame and tile facing and hearth.

**DESCRIPTION**

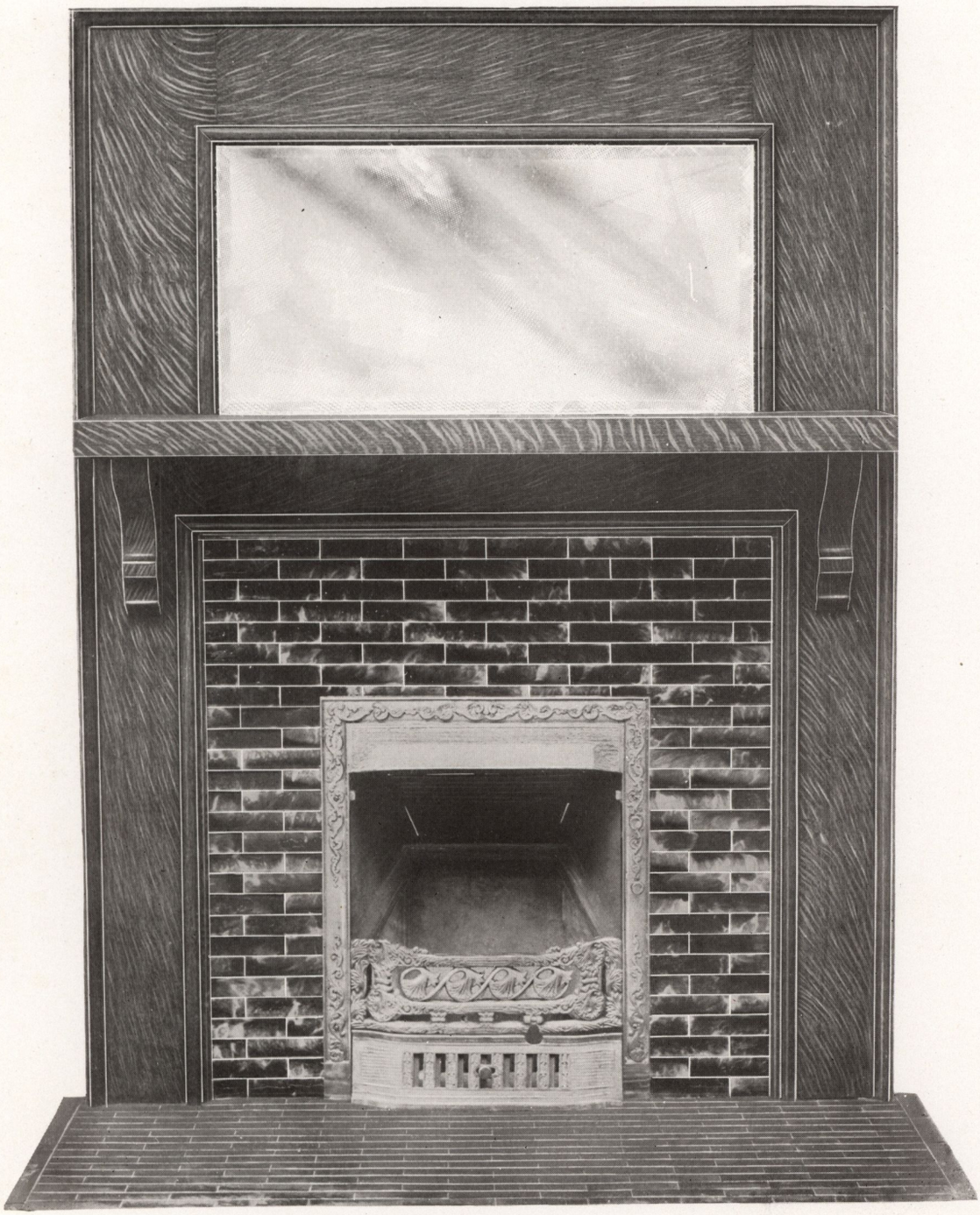
Height, 80 inches. Height of shelf, 60 inches.
Tile opening, 42 inches square.
Tile projection, 1⅞ inches.
If 12 x 36 mirror wanted in place of panels, add $2.50 to price.

## No. 1865

Shown with X-Ray grates and tile facings.

**DESCRIPTION.**

Height, 90 inches. Height of base shelf, 50 inches.
Tile opening, 42 inches square.
Mirror, first quality French bevel plate, 24 x 44.
Tile projection, 7½ inches.



**No. 1867**

Shown with Wolverine grate, tile facing and hearth.

**DESCRIPTION**

Height, 80 inches. Height of shelf, 51 inches.
Tile opening, 42 inches square.
Mirror, first quality French plate, 20 x 40.
Tile projection, 1⅞ inches.